

## Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.





Our Great Offer Extended: VICK'S FAMILY MAGAZINE One Year for 25 cts.

# VICK'S FAMILY MAGAZINE

## McKinley Memorial Picture

SIZE  
16 x 20 Inches



WE wish to draw your attention to our New McKinley Memorial Picture of which we show an illustration. No words can describe its beauty. Most Memorial Pictures are so somber that they cast a gloom over anyone who looks at them. This picture is not gloomy, but is printed in appropriate and beautiful style. At the top of the picture is a representation of a pure white dove with extended wings. Beneath it are the words engraved in most beautiful type upon a background of pure white "Not Lost, but Gone Before." In the center is a picture of the late President, William McKinley, taken from one of his most recent photographs. On either side and in the distance are represented the courts of the heavenly Jerusalem. The innumerable columns of white marble seem to extend into Infinite Space, giving a faint idea of the immensity of that beautiful golden city. The angels and arch-angels can be seen flying thither and

hither and sounding their trumpets. Little innocent children are there and all is white, pure and holy. Beneath is a collection of charming flowers, white roses, lilies, etc. Underneath is a printed tablet giving name, date of birth, assassination, death, and other particulars of our late lamented President. On one side is a cross, which the departed christian has laid down, and on the other side is the crown which the departed christian will wear in triumph in that beautiful city where there will be no more crosses nor suffering, and no more tears or parting. Underneath all is a marble slab with several quotations from Holy Scripture.

Elsewhere are scattered about this picture many other beautiful features, forget-me-nots, drapery, etc. This beautiful picture should find a place in every home. No expense has been spared on its production. They were made originally to sell at 50 cents each, but as a special inducement to agents to handle large quantities we will supply them at 20 cents each; 4 for 50 cents, 10 for \$1.00, postpaid. Beautiful frames \$1.00 each, including glass and back, moulding nearly 4 inches wide. Safe delivery guaranteed. Address

AMERICAN PUBLISHING COMPANY, Department B, BEAVER SPRINGS, PA.



VICK PUBLISHING CO.



# WHENCE COMES THIS MIGHTY HEALING POWER?

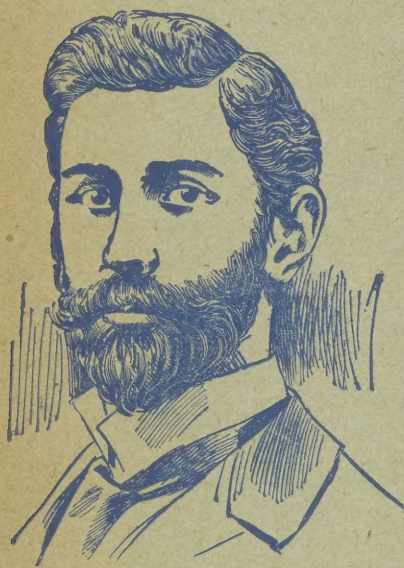
All the Land Wonders at the Remarkable Cures Effected by Professor Adkin.

Heals Diseases Called Incurable.

Ministers, Doctors and Professional Men Tell How He Has Cured the Blind, the Lame, the Paralytic and Many on the Very Brink of Death.

Free Help for the Sick.

Professor Adkin Offers to Help All Sufferers From Any Disease Absolutely Free of Charge—Professional Men Investigate His Powers.



PROF. THOMAS F. ADKIN.  
President of the Institute of Physicians and Surgeons.

In all parts of the country men and women, doctors and surgeons, clergymen and educators are wondering at the remarkable cures made by Prof. Thomas F. Adkin, discoverer of the Adkin Vitaopathic treatment.

Professor Adkin heals not by drugs, nor by Christian Science, nor by Osteopathy, nor by Hypnotism, nor by Divine Healing, but by a subtle psychic force of nature in combination with certain vital magnetic remedies which contain the very elements of life and health.

A reporter recently talked with Professor Adkin and was asked to invite all readers of this paper who are sick or who are worried by the ills of those dear to them to write to him for assistance. "Some people have declared," said Professor Adkin, "that my powers are of God; they call me a Divine Healer, a man of mysterious powers. This is not so. I cure because I understand nature; because I use a subtle force of nature to build up the system and restore health. But at the same time I believe that the Creator would not have given me the opportunity to make the discoveries I have made nor the ability to develop them if He had not intended that I should use them for the good of humanity. I therefore feel that it is my duty to give the benefit of the science I practice to all who are suffering. I want you to tell your readers that they can write to me in the strictest confidence if they are troubled with any kind of disease, and I will thoroughly diagnose their cases and prescribe a simple home treatment which I positively guarantee to effect a complete cure, absolutely free of charge. I care not how serious their cases, nor how hopeless they may seem. I want them to write me and let me make them well. I feel that this is my life's work."

So great is the sensation wrought in the medical world by the wonderful cures performed by Professor Adkin that several professional gentlemen were asked to investigate the cures. Among these gentlemen were Doctor L. B. Hawley and Doctor L. G. Doane, both famous physicians and surgeons. After a thorough and painstaking investigation these eminent physicians were so astounded at the far-reaching powers of Professor Adkin and the wonderful efficacy of Vitaopathy that they volunteered to forsake all other

in life and all other kinds of treatment and devote themselves to assisting Professor Adkin in his great work for humanity. With the discovery of the Adkin Vitaopathic treatment, eminent physicians are generally agreed that the treatment of disease has at last been reduced to an exact science.

In all some 8000 men and women have been cured by the powers of Professor Adkin. Some were blind, some were lame, some were deaf, some were paralytics, scarcely able to move, so great was their infirmity. Others were afflicted with Bright's disease, heart disease, consumption and other so-called incurable diseases. Some were sufferers from kidney trouble, dyspepsia, nervous debility, insomnia, neuralgia, constipation, rheumatism, female troubles and other similar ills. Some were men and women addicted to drunkenness, morphine and other evil habits. In all cases Professor Adkin treats he guarantees a cure. Even those on the brink of the grave, with all hope of recovery gone, and despaired of by doctors and friends alike, have been restored to perfect health by the force of Vitaopathy and Professor Adkin's marvelous skill. And remarkable as it may seem, distance has made no difference. Those living far away have been cured in the privacy of their own homes, as well as those who have been treated in person. Professor Adkin asserts that he can cure any one at any distance as well as though he stood before them.

Not long ago John Adams of Blakesbury, Iowa, who had been lame for 20 years, was permanently cured by Professor Adkin without an operation of any kind. About the same time the city of Rochester, N. Y., was startled by the cure of one of its oldest residents, Mr. P. A. Wright, who had been partially blind for a long period. John E. Neff, of Millersburg, Penn., who had suffered for years from a cataract over his left eye, was speedily restored to perfect sight without an operation. From Logansport, Indiana, comes the news of the recovery of Mrs. Mary Eicher, who had been practically deaf for a year, while in Warren, Pa., Mr. G. W. Savage, a noted photographer and artist, who was not only partially blind and deaf, but at death's door from a complication of diseases, was restored to perfect health and strength by Professor Adkin.

Vitaopathy cures not one disease alone, but it cures all diseases when used in combination with the proper remedies. If you are sick, no matter what your disease nor who says you cannot be cured, write to Professor Adkin today; tell him the leading symptoms of your complaint, how long you have been suffering, and he will at once diagnose your case, tell you the exact disease from which you are suffering, and prescribe the treatment that will positively cure you. This costs you absolutely nothing. Professor Adkin will also send you a copy of his marvelous new book, entitled, "How To Be Cured and How to Cure Others." This book tells you exactly how Professor Adkin will cure you. It fully and completely describes the nature of this wonderful treatment. It also explains to you how you yourself may possess this great healing power and cure the sick around you.

Professor Adkin does not ask one cent for his services in this connection. They will be given to you absolutely free. He has made a wonderful discovery, and he wishes to place it in the hands of every sick person in this country, that he may be restored to perfect health and strength. Mark your letter personal when you write, and no one but Professor Adkin will see it. Address Professor Thos. F. Adkin, office 226 F. Rochester, New York.

**SPECIAL OFFER** Our large monthly magazine for five cents. One year and Vick's Magazine one year (75c. worth, for only 35c. Address, Rural Young People, Milton, Pa.

**WANTED.**—Ladies and gentleman to work for us evenings and spare time at home. No canvassing or peddling. No experience required. \$5 to \$15 weekly. Work sent on request. Send stamp. American Pub. Co., Toledo, O.

# FREE An Elegant Set FREE

- 26 PIECES -

Full size for family use.



**\$1000 REWARD**

Will be paid to anyone who can prove that we do not give the ENTIRE SET OF 26 PIECES for selling only 10 boxes of our wonderful Tablets at 25 cents a box.

Twenty-six pieces of **Sterling Silver Plated Ware** costs from \$10.00 to \$15.00. If you want to furnish your home with fine tableware that will equal for use any **Sterling Silver Plated Ware** made, send us your name and address at once and agree to sell **only ten boxes** of our wonderful Headache Tablets. **Don't send a cent**, order to-day and we will send Tablets by mail postpaid. When sold, send us the money (\$2.50) and we will **guarantee safe delivery of the 26 pieces** of double plated ware, which we are giving away to quickly introduce our remedy. Remember, we are a reliable concern and guarantee to give the **entire lot of 26 pieces** packed in a neat case as shown above for selling only 10 boxes of our Tablets. Address, **FRANK J. HART, Sec'y, Dept. 500, New Haven, Conn.**

## R·I·P·A·N·S

I had nervous indigestion and a general derangement of the entire system. It had been a continual torture for 12 years. My blood became very poor and at times my toe and finger nails would be diseased. After eating I would sit in a chair and put my feet on something to keep them from swelling, and at times would take off my shoes for the misery I had. Whenever I experience anything to remind me of past aches I cannot be too elated to tell what Ripans Tabules have done for me. I still take one now and then, because I know how bad I have been. They were just what I needed.

At druggists. The Five-Cent packet is enough for an ordinary occasion. The family bottle, 60 cents, contains a supply for a year.

REGISTERED IN U. S. PATENT OFFICE SEPT. 24, 1901



Any one can earn Dolls, Bracelets, Rings and other Valuable Premiums. This is a beautiful Imported dressed Doll nearly two feet tall, a perfect beauty imported direct from Europe. This lovely doll has a beautiful turning bisque head, pearly teeth, long golden hair, natural sleeping eyes, jointed body, real gimpers, stockings, etc., by introducing our latest Parisian Novelties, ladies' and misses' belt pins, hair barrettes, beauty pins, etc., at ten cents per card. Our Grand 30 day Proposition which is apart from above, send us your full name & address & we will send you 15 cards of our latest Parisian Novelties postpaid. You sell at ten cents per card and return us \$1.50, we will send you (all charges prepaid) a beautiful Imported French Doll also a gold finished ring. **FRENCH NOVELTY CO., Dept. N 30 Bridgeport, Conn.**

## The Adirondack Mountain Salve

This salve is scientifically prepared from oils and herbs containing Medicinal properties, gathered from the forests of the Adirondack Mountains. It will cure rheumatic pains, weakness in the lungs, back or shoulders, or any place where pain may locate itself. It is a sovereign remedy for cuts, bruises, ulcers, old sores, corns, bunions, etc. It has cured rheumatism of 10, 20, 30 years standing. A large stick and medicated cloth for using, postpaid for 25 cents. We want active men and women to introduce this reliable household remedy. We give liberal discount. Send 25 cents for sample and terms. **The Adirondack Medicine Co., Stillville, New York.**

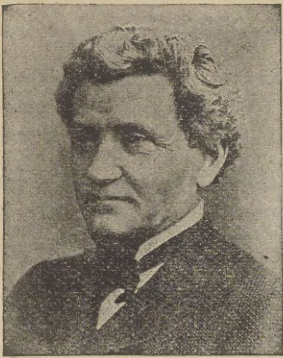
Do you want a watch that runs and keeps good time? Our watch has a Gold laid case, handsome dial, dust proof, adjusted to position, patent escapement, and highly finished. This is a remarkable watch. We guarantee it, and with proper care it should wear and give satisfaction for 20 years. It has the appearance of a Solid Gold one. The movement is an American Style, expansion balance, quick train, and you can rely upon it that when you own one of these truly handsome watches you will always have the correct time in your possession. Just the watch for railroad men, or those who need a very close timer. Do you want a watch of this character? If so, now is your opportunity to secure one. **We give a beautiful Watch** as a premium to anyone for selling 18 pieces of our handsome jewelry for 10c. each. Simply send your name and address and we will send you the 18 pieces of jewelry postpaid. When sold, send us the \$1.80, and we will send you the handsome Gold laid watch, and will take back all you cannot sell. We propose to give away these watches simply to advertise our business. No catch words in this advertisement. We mean just what we say. You require no capital while working for us. Satisfaction Guaranteed. Address, **SAFE DEPOSIT WATCH CO. New York City**

**15 CENTS** will bring you, on trial, 13 weeks, the **PATHFINDER**, the old reliable national news-review. This paper gives you every week ALL the important news of the world, stated clearly and without bias. It is the only news review that is truly comprehensive; and it is at the same time not padded or bulky. It gives you the wheat without the chaff. It is a time-saver for all busy people. In purpose it is high-toned, healthy and inspiring; it is a protest against sensational journalism. It takes the place of periodicals costing \$2.50 and \$3.00. Try it and you would not be without it for many times its cost—\$1.00 a year. Address, **The PATHFINDER, Washington, D. C.**

**\$3.75** **\$3.75 BUYS A \$35 WATCH** and a handsome "Gold" watch chain & charm. **THIS IS A GENUINE GOLD FILLED WATCH** in appearance, superbly engraved, double hunting case, stem wind and stem set. **HIGH GRADE RUBY JEWELLED WORKS** which is absolutely guaranteed for **25 YEARS.** Send this to us and we will send the Watch & Chain C.O.D. \$3.75 and express charges to examine. If as represented, pay \$3.75 & Ex. charges and it is yours. Write if you desire Ladies' or Gents' size. **CALLUMET WATCH CO. Dept. 277, Chicago**

**\$50** A month earned distributing samples. Enclose stamp. Inter'l Dis. Bureau, 150 Nassau St., N. Y.





JAMES VIOCK  
Founder and First Editor

# VICK'S FAMILY MAGAZINE

VOL. XXVI.

MARCH 1902

NO. 1

## LILIUM HARRISII.

Easter Lily is now synonymous with *Lilium Harrisii* or Bermuda Lily. It ranks above all other lilies and flowers for Easter decoration. It has made famous the Bermuda Islands. About five hundred miles out in the Atlantic ocean, off the coast of North Carolina these islands are clustered. They number three hundred and sixty-five. Some of them are too small and too frequently submerged by the waves of the ocean for habitation. Time was, that onions and potatoes were the crops of the Bermudas, but the taste and culture of this age are evidenced by the fact that Lilies now monopolize the cultivation on these islands almost entirely and are more largely in demand than any other product of the soil. The number of Lily bulbs grown in the Bermudas runs up into millions. The demand is yearly on the increase, and our florists in Louisiana, North Carolina, Florida and California are growing the bulbs successfully. The promise of the near future is, that the United States will produce millions of these Easter Lilies.

The bulbs increase rapidly and grow with the greatest freedom, particularly on the Bermuda Islands, but increase of numbers is but one point to make with the Lily crop. The Bermuda farmers learned years ago, that it is the Easter demand for the Lilies that makes the profit. To have them in bloom at Easter required skillful manipulation, but it has been reduced to a fine point. The crop may be said to be harvested twice a year in that the blooming plants are sold in March, the bulbs in July and August. The Lily bulb forms small bulblets at the base of the outer scales. The successful grower takes these off in certain quantities each year, bedding them in wet sand to form roots. When enough roots are formed, the bulbs are taken from the wet sand and planted in richer soil to foster growth. In about eight months the bulbs will be of a size that sixty thousand will plant an acre. In the mild climate of the Bermudas they grow all the year, and from one summer to another the bulbs will become from four to seven inches in diameter. The rule is to allow three or four years of growth and florescence before shipping the bulbs to the United States. There are exceptions, however, as many two-year-old bulbs are sold. Blooming in no wise weakens these Lily bulbs. A few years ago, the Bermuda farmers cut the bloom stalks and shipped them to New York City in large numbers. Steam-

ers are only about two days in making the trip, so the blooms were in no danger of losing their beauty. For decorations the cut-bloom stalks serve every purpose of the blooming potted plant. The Bermuda dealers cut the stalks in bud, pack them in air-tight cases, and each separate bud on the stalk is carefully wrapped in cotton. Unwrapped and placed in water the Lilies rapidly unfold. Our own florists produce much finer blooms, under green house culture, however, than those cut and sent from the Bermudas, so that not so many cut as potted Lilies are now received. Then,

uted, only the best are bought and sold. Amateurs are sure of getting sound, productive bulbs, which range in price according to size. The large four or six-year-old bulbs make the grand Easter Lilies we all desire to have,—or to see.

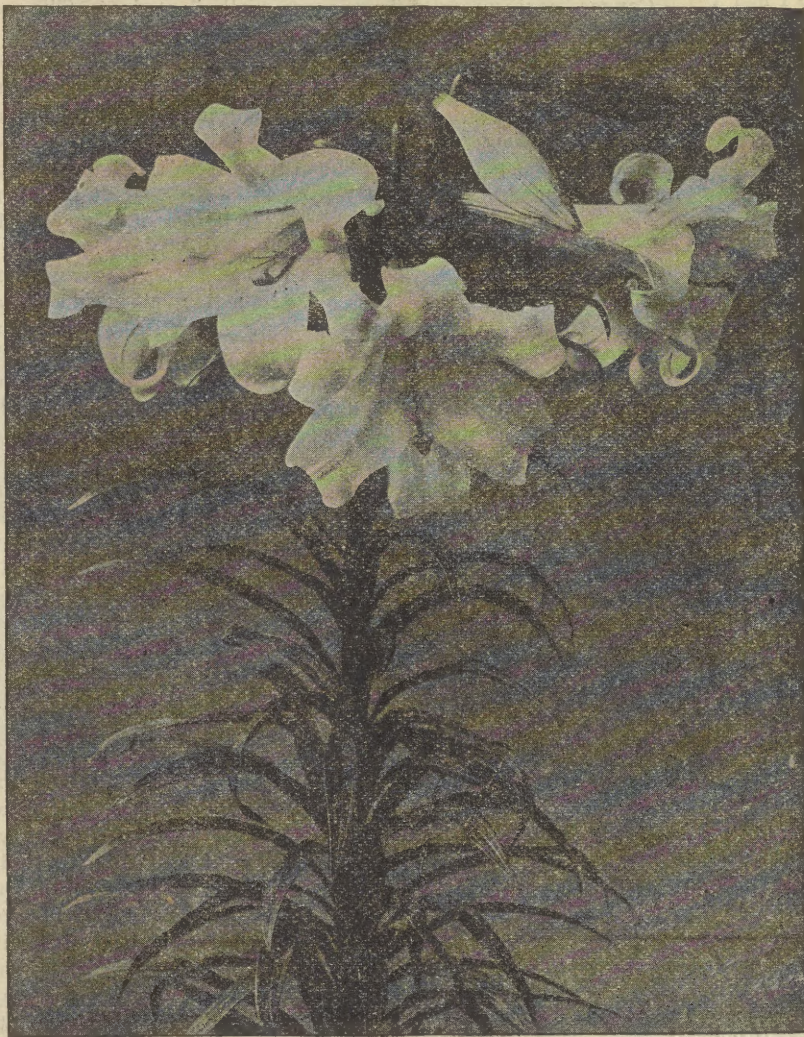
There were twelve thousand potted plants in full bloom sold in New Orleans, the day preceding last Easter. This number failed to meet the demand and many were disappointed in getting Lilies. Customers seeking for Lilies went beyond the city limits to gardens, and amateurs were persuaded to sell their plants or the cut flowers.

Decorations in Catholic and Episcopal churches in New Orleans are beautifully appropriate. The flowers are ideally beautiful, the Lily leading all others, and the arrangements conform to the highest ideals.

Palms, Callas, Ferns and other plants of decorative foliage are much adopted, but there is less to admire in Palms for Easter than the others. Palms are every way appropriate for Palm Sunday and for all funeral ceremonies, but Easter is the time for tender buds, sweet flowers and new leafy green. Easter flowers should symbolize the joy of the votaries, the triumph of the risen Lord. The sleep of winter is over at Eastertide. Flowers are blooming, green grass decks the earth; ice floes are breaking up and navigators are rejoicing. Floriculture, the hand maiden of nature, arrays the Lilies to greet the day; birds are nesting in leafy coverts and the air is vibrant with carols and twitterings. Easter is nature's grand jubilee.

Church decorating committees would gain many good ideas by reference to the "Glossary of Ecclesiastical Ornament," by A. Welby Pugin. He is recognized authority by the Roman Catholic and Protestant Episcopal Churches in England and the United States. He was an architect and Professor of Ecclesiastical Antiquities in St. Marie's College, Olcott. The book is a masterpiece and filled with chromo-lithographs and engravings. He makes plain the difference in the forms of the Cross. Only the floriated Cross is ecclesiastically correct

for decorations. It has the ends carved or curved, and not plain. Almost any other form of decoration is to be preferred to the Cross,—budding and blooming branches of flowering trees and shrubs, trailing green vines, growing plants and cut flowers of all kinds and colors, and "always and ever" the feathery green ferns—but when all are at their charming best, yet turn we reverently to the Lily as the flower of flowers for Easter decoration. Mrs. G. T. Drennan.



EASTER LILY.

cutting the stalks in full, green growth has a tendency to weaken the bulb, which is a point that interests our florists as they purchase the bulbs later in the year.

New York City receives the immense number of bulbs and blooming plants, and from thence shipments are made to all other cities. The Florist's Club of New York City, and a combine of Bermuda Lily farmers have regulated matters so that no diseased nor weakened bulbs are distrib-





### Only A Flower.

By Ruth Raymond.

Only a flower kindly given  
To one who was weary the day,  
Yet thrilling the heart with its wonderful art,  
Like bird wings in beautiful May.

Only a flower sweetly blooming  
Mid poverty, sickness and gloom,  
Yet filling the air with its fragrance so rare,  
And lighting the dark, sunless room.

Only a flower, yet its mission,  
To comfort and cheer the distressed,  
Its richness and grace make holy the place,  
Since love with the gift is confessed.

### A MOONLIGHT FLOWER.

(Written for Vick's Family Magazine.)

We hear less of the moonflower (*Ipomea*) nowadays than we did; here in the North I think we do not have quite summer enough. Once I had a vine that would have bloomed had the frost held off a week longer, but the plant was killed and I never saw a moonflower of the genus *Ipomea*, and I would not now try to grow them, at least while I have the *Datura* which is greatly more satisfactory for this climate. A little seedling was given me three years ago and I have it yet. When the frost cuts the leaves I dig up the root and put it in a box of dirt in the cellar and there it remains



till Spring without any attention at all. Started in the house, it is set in the open ground when danger of frosts is over and it is soon in flower, branching, budding and blooming month after month.

There are various sorts, single and double, but this is a pure white single kind, probably *Datura Wrightii*.

One day in August, the sun at noon almost raised a blister. The morning glory vines wilted, the leaves of the golden glow hung limp, and even the tough perennial phloxes began to droop. But as the sun set and the moon began to brighten, seven great *Datura* flowers, six inches across and eight or ten long, opened and shone in the moonlight, while their fragrance filled the air. The bloom of the auratum lily was like a white flame, the forms of the flowers not being perceptible across the distance; the tree crickets sang and it seemed a pity to waste such hours in sleep. The next night there was a larger moon and twelve *Datura* flowers open all at once.

The dawning day is also a good time for the *Datura*; its great flowers are as much a morning glory as the plants so called. But with a bright sun they close and droop rather before noon. Given a rich soil and plenty of room—one plant will be six or more feet across—and you will see.

E. S. Gilbert.

### HINTS ON CANNA CULTURE.

(Written for Vick's Family Magazine.)

All points considered, the canna is today the most popular bedder that we have. It justly deserves this popularity, for its foliage is tropical and its blossoms are produced in profusion and in regular succession throughout the entire season.

In order, however, to get the greatest effect from the canna one must practice massing it.

This implies theselection of severalplants of the same variety for a bed, so that the combined colors from the blossoms and the combined green of the foliage, will make a greater area to attract the eye.

Cannas bearing scarlet flowers are well adapted for beds on the lawn. No color in flowers is so conspicuous as red, as it is a rich contrast to the green foliage of the plants and also the green of the sward. Yellow is next in value, especially if the lawn is considerably shaded. It is well to remember these points in ordering tubers from the florist.

No canna bed is finished without a border of some sort. It serves the purpose of breaking the ground line between the lawn and the canna leaves and gives the bed a neat finish. *Centaurea gymnocarpa* (Dusty Miller), *Salvia splendens*, white *Alyssum* and *Ageratum* are plants nicely suited to such a purpose. All of these plants may be raised from seed without any difficulty. The seedlings should be reared in a box and transplanted into the bed.

If one desires a more elegant border than that produced by the plants named in the last paragraph, any of the following may be ordered from the florist: *Achyranthus Lendeni*, Variegated *Stevia*, or *Alternanthera*. The latter occurs in several varieties and permits free pruning so that the border may be kept nicely rounded and graceful. All of the border plants mentioned in this paragraph may be propagated, season after season, from slips.

Border plants should be set rather close together at first. After they are somewhat larger and there is danger of crowding, alternate ones may be pulled up and used to border other beds.

Cannas in general should be planted from eighteen to twenty-four inches apart, the taller sorts requiring the greater distance. From the very first, they should have plenty of water. This should be attended to every day so that every root and rootlet will be thoroughly immersed. No matter if the bed becomes a mire. The cannas will revel in it. There is no danger of overwatering, especially when the days are hot and dry. A mulch of well-rotted manure will keep the roots cool, which is so essential to vigorous plants.

The beds in which cannas are to be massed should be circular or oval. The soil should be as rich as can be made, and plenty of well-rotted manure should be incorporated with it. Some sand added lightens the mixture and makes it more like the soil of the tropical swamps, of which the canna is a denizen.

Jacob F. Bucher.

### BLOODROOT.

(Written for Vick's Family Magazine.)

One of the brightest, earliest, and prettiest wild flowers which bears transplanting and responds to cultivation by luxuriant growth, is the Bloodroot, *Sanguinaria Canadensis*, so named because of the colored juice which exudes from the root, stem, and leaves, when broken or crushed. The flower is a beautiful pure white, an inch and a half across, with numerous bright yellow stamens. It is interesting to observe the plants when they first appear in the spring. The leaf folds about the scape which bears the flowers in such a kindly gracious manner, as if to protect it from the cold. One is touched at the thought of the foresight thus manifested by the leaf, in its care of the flower's welfare.

The flowers are quite transient (they are relatives of the poppies) but the leaves increase in size and a clump of them makes a very pretty spot of green. They are variously lobed, and the veins are quite prominent, especially from beneath. The plant is so easily grown that it should find a place in every wild-flower garden.

Mrs. W. A. Kellerman.

### THE CANTERBURY BELL.

(Written for Vick's Family Magazine.)

The merits of this old-time favorite, *Campanula medium*, are being more generally recognized, and it is once more coming to the front. It certainly deserves to be generally planted. Like

many other flowers the Canterbury Bell has been changed by cultivation. Years ago single blossoms were the only ones known; now there are semi-double and double ones, the latter often being doubled to the very center, which can not by any means be considered an improvement. These very double blossoms are curious, but not beautiful.

The variety called Cup and Saucer, *Campanula calycanthema*, is very pretty and very showy; the symmetry of the original bell-shaped flower is not lost, and the large saucer adds to the attractiveness of the blossom. The bells in this variety are sometimes three inches long and the saucers three to four inches across.

The Canterbury Bell is a biennial, but if started early and transplanted will bloom the first season. The plant is pyramidal in shape, about two feet in height, and bears an abundance of blossoms. After the first flowers have withered, a second installment takes their place, so that the plant remains in bloom a long time. The flowers are of a variety of colors, dark blue, light blue, a clear, beautiful shade of light pink, and white. They remain fresh a long time and so are valuable for cutting. A combination of dark blue and white blossoms, or of light blue, pink and white, is very effective for decoration, and a bed of the mixed colors is very beautiful.

Florence Beckwith.





## NOTES FROM A NORTHERN ROSE GARDEN

BY  
BENJAMIN B. KEECH

My rose garden is a source of never-ending delight, because even in the winter, I enjoy thinking about it, and making plans for its future welfare and betterment.

I am now speaking of my Hybrid Perpetuals. These occupy a bed about six feet wide by twenty-four feet long, and the roses are planted two feet apart. I am not satisfied with the conventionality of this "garden." It has none of the graceful twists and curves that I can see in my mind's eye; but sometime in the future I am planning for a rose plot that shall be as nearly perfect as possible.

In the meantime, I content myself with my present collection of thrifty, healthy bushes; and, as before stated, find much pleasure and delight in caring for it.

It has taken a number of years to collect this assortment. Some hailed from here and some from there, and all, with the exception of a very few, have been quite satisfactory. One or two have seen fit to favor me with a good growth, but minus a blossom. Still, I am expecting much from them in the future, if they are not common wild roses upon which the good stock has been grafted. When a bush fails to produce any flowers one year, it will generally yield a very good crop the next. It is only natural that a plant should take a prolonged rest after exhausting itself by flowering from two to five dozens of blossoms. There is scarcely a week from June to October but what my plot of Hybrid Perpetuals favors me with a more or less generous supply of flowers. Of course, during June and July, the array of blossoms is satisfactorily large and brilliant. It has taken some time, a little ingenuity, and a great deal of research among floral catalogues, to collect an assortment of roses that will flower more or less continuously throughout the season. By experimenting and keeping alert to what people have said regarding this or that rose, I have been able to form a collection embracing the best of varieties.

If it will help any one to know what roses I consider the best, here is a list—abridged for want of space: American Beauty, rich, rosy, crimson; Anna de Diesbach, carmine; Couquette des Alps, white, lightly tinted with pale rose; Francois Levet, cherry pink; Giant of Battles, carmine; John Hopper, bright pink; Dinsmore, crimson scarlet; Gloire Lyonnaise, pale yellow; Gen. Jacqueminot, dark crimson; Mad. Plantier, white; Mad. Mason, clear rose; Mad. Chas. Wood, rosy crimson; Magna Charta, rosy red; Marshall P. Wilder, cherry crimson; Margaret Dickson, white; Paul Neyron, bright pink; Mrs. John Laing, clear pink; Prince Camille de Rohan, dark crimson; Vick's Caprice, pink, striped with white and red.

Hybrid Perpetuals like a rich soil, a very rich one, in fact. A large, thrifty three-year-old bush will absorb a great quantity of nutritious food, and thoroughly decomposed manure should be spread over the ground to the depth of a number

of inches, every season. Work most of it into the soil, but leave some on top as a mulch.

Thrips, aphids, and green worms must be fought relentlessly. Be on the lookout and apply an insecticide as soon as the first one appears, or before. White hellebore dredged on the foliage while it is wet, or Paris green dissolved in water is good to use. The application should always reach the underside of the leaves. Provide a mulch if you want the best results. Lawn clippings are good; lay them on thick pretty much all over the bed. Fertilize the roses, when in blossom, if the soil is



Hybrid Perpetual Rose.

not rich enough. Soot tea is said to be good for adding depth and richness to the color of the blossoms.

If you live at the North where winters are severe, here is some advice: In buying roses of any class, get the two-year-old kinds if you can, because these are stronger, thriftier, give more immediate results and are better prepared to stand zero weather than one-year-old bushes. I generally give good protection to Hybrid Perpetuals until the third or fourth year; then all but the choicest and weakest are allowed to go unprotected, save for a mulch of dirt and manure drawn up around the base of the plants. This

mulch is partly removed in the spring and the plants examined to see if they are secure in their positions. If not, they are pressed back again, evenly and firmly.

On the subject of pruning, I would say: Prune more or less severely. Of course, the old, dead wood should always be cut out, and the weak, spindling, branches would better be pruned away. Branches you wish to save should have about a third of last season's growth cut off. Trim out more from the center of the bush than from the sides; this will allow free access to sun and air and will leave the plant in better shape. A good rule to follow, for the majority of roses, is this: Cut back each branch to the fourth shoot, counting from where the branch starts out from the body of the plant. As a rule, the more you prune the finer individual flowers you have; the less you prune the larger crop of blossoms, to the detriment of the size of flowers.

In setting out roses, trim them back somewhat, being governed by the size and shape of the plant. Dig a small excavation, pour water into it, and when soaked down, place in the rose plant, arranging the roots so they will spread out naturally. Dip them in water once or twice and they will disentangle satisfactorily. Gradually cover with fine, mellow soil, water again and draw up a quantity of dry soil to retain moisture. In a day or two go over the plants and loosen the dirt so it will not become baked. Each plant should be set firmly. Do not leave them half planted.

I keep a sort of plan of my rose garden, with the name of each bush written down in its place. Thus I know which is which, and what is what. It is a pleasure to be able to speak of your flowers in terms of friendship and familiarity. I shall not have space to tell much about my Tea roses of my Hybrid teas. I have about given up the idea of trying to make roses of the tea section live in the open ground through our winters, even with protection. Most roses of this class will not do so, and the few that do are not satisfactory afterwards. In all justice let it be said that the Souper roses are the one grand exception to this rule. Clothilde Souper is especially good about standing zero weather. To be sure, she is frozen to the ground almost every spring, but she promptly sends forth new branches, and the crop of blossoms is as large as it is beautiful. A few of the Hybrid Teas follow Clothilde's example to a greater or less extent, the La France family being among the number. The original

pink La France is a most satisfactory and commendable rose.

Most of the Tea roses I grow are set in pots that are not too large or too small, said pots being plunged to the brims in one of the garden beds. The soil in the pots is rich and it is kept correctly moist all through the summer. The blossoms, in consequence, are quite satisfactory. At the approach of cold weather the pots are taken up, some of them put down cellar, some in the living rooms, and some given to the neighbors for safe keeping. In the spring, an inventory is taken, the unsatisfactory ones discarded, thrifty

(Concluded on Page 6.)



## MARCH.

BENJAMIN B. KEECH.

(Written for Vick's Family Magazine.)

A far off, sobbing echo 'mongst the trees  
That nearer, clearer rushes on apace,  
And brings with it a being whose rare grace  
And wildwood manners, borrowed from the breeze,  
Cause slumbering bud and grass sprout to spring up  
And bless her advent. In each crocus cup  
A mellow gleam of sunshine, warm and clear,  
Bursts into glory when she chances near.  
O'er wakening hill and meadow land she roams  
With her attendants, rain and winds that blow;  
She scents the wildwood children, in their homes,  
And bids them newer life and beauty know.  
O, March is rough, but many a joy doth bring,  
For she is mother of the virgin, Spring.

## RAISING HOUSE PLANTS FROM SEED.

(Written for Vick's Family Magazine.)

For the benefit of others who, like myself, are fond of nice flowering and foliage plants in winter, and cannot afford to purchase all they would like to have, I will tell of my success in raising some choice varieties from seed.

Wishing for several varieties of Chinese Primrose I purchased a packet of mixed seed (that suiting my purse best) and in July, 1900, sowed them, feeling that it would be late winter before I should be rewarded for my efforts, by seeing them in bloom. About a dozen nice plants came up, and grew finely.

One day in early winter a little neighbor, who is a great lover of flowers, was looking at my plants with admiring eyes. Upon hearing an exclamation of delight from her, I turned to the window; and lo! a pink and a white Primrose had each a blossom, the first of large clusters which soon blossomed out fully, their lovely delicately crimped blooms a poem in themselves. Reserving five, each different from the others in color, I distributed the rest among my flower-loving friends.

In the spring of 1901 I again tried my luck in the same way, but with other varieties of seeds, with varying success, and as a result I have a "baker's dozen" of nice young ferns, three Hibiscus (one of them now budded to blossom); one thrifty young Australian Silk Oak, and one Tecoma Smithii. I expect the last named plant to gladden my eyes with its lovely blossoms, this winter. One needs to exercise care and patience; but the reward is ample.

The earth, which should be loose fibrous soil (preferably from the woods), and sharp sand with a little well-rotted manure from the barnyard, should be carefully baked to kill insects and the seeds of weeds. Sow the seeds evenly on top of the soil and pat firmly down; if the seeds are fine, no soil is needed to cover them; larger seeds should be slightly covered with fine soil. Cover the pot or dish with a pane of glass of convenient size, and set in a north or east window; close watch should be kept that they do not become too dry or too moist. The glass can be lifted and the earth exposed to the air if too moist. If there is not moisture enough the pot or dish should be set in a basin or pan of water. Good drainage should always be provided for all seeds sown.

L. F. Brown.

## THE WATER LILY AND ITS CULTURE.

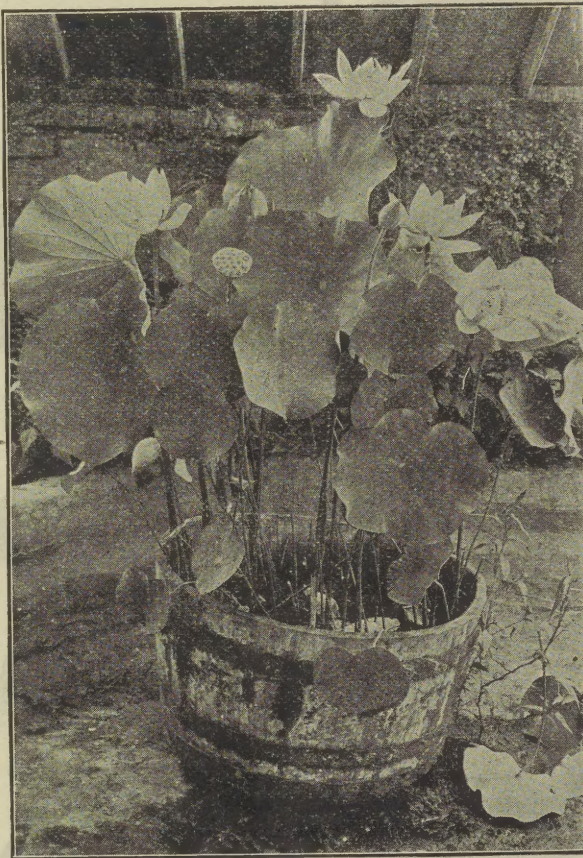
## Article No. 2.—To Grow in Tubs.

(Written for Vick's Family Magazine.)

The great mass of our people have no ponds, lakes or streams available for growing Water Lilies, and of these a great many do not care to incur the expense or labor of building a tank. Anyone, however, who possesses an ordinary half barrel tub, can have a few water lilies and make that few the most attractive feature in his yard or garden. Procure three oil or wine barrels, saw each

in two making six tubs, cleanse them nicely, and select a warm sunny spot in the yard or garden, elevate one of the tubs about a foot and a half and encircle it with the other five. Prepare some soil by mixing two-thirds good heavy garden loam with one-third well rotted manure. Fill the tubs half full of this, plant the lily roots and cover them an inch deep. Now fill the tubs with water. This should be done in April or May.

A number of varieties would suit the above collection of tubs. Plant an Egyptian Lotus in the upper or central one, with red, white, blue, and yellow Nymphæas in the lower ones. The spaces between the tubs might be filled with soil and planted with arrow heads, ferns or other moisture-loving plants. The Nymphæas will all float on the water, while the lotus will rise up five or six feet above, crowning the whole mound with its huge pink blossoms. In such a group we have representatives of all the colors, with a luxury of flowers and fragrance to attract every passer-by from July until frost. A collection of three or four tubs may be had with like effect; or even one



Egyptian Lotus.

containing a Lotus or Nymphæa, will make a greater show on the lawn than the same amount of time and money invested in any other flower.

No cultivation will be necessary except to keep the tubs full of water. The amount of water consumed is very small—the greatest loss being caused by evaporation. In winter, if hardy lilies have been grown, any protection that will prevent the tubs from bursting will preserve the roots. Usually in the North the tubs are removed to a cellar or sunk in the ground and protected with leaves or litter. Tropical varieties, of course, must have warmer quarters.

Any person however busy, can find time to cultivate at least one tub of water lilies, and any person however blind to the beauties of other flowers will be attracted by them.

## GROWING WATER LILIES FROM SEED.

Those who desire to grow water lilies from seed,

should sow in March, or early April, to obtain much bloom this year. There are a few varieties of water lilies that can be grown quite successfully this way but the great bulk of these plants are propagated by division of the roots. The process of growing them from seed is not very tedious. It can be done in the humblest home as successfully as in the finest conservatory—a bowl of soil and water, with a little heat and light, being the only requisites. Bowls or pans borrowed from the kitchen will answer the purpose. Fill them within two inches of the top with soil of such a nature that it will not become puffy and float when the water is poured on. Sprinkle the seeds on the soil, cover one-eighth inch, and gently fill the bowl with water. Now set in a warm sunny window. They like plenty of heat and light. If given seventy to eighty degrees they will germinate in two to three weeks.

When the seedlings begin to send up leaves to the surface of the water, which will be in about six weeks, transplant them into larger vessels. Give each one a two-inch pot; set in water four or five inches deep if you can. They may remain here until June, when they will be ready to plant into quarters where they are to bloom during summer.

This applies particularly to the tropical or tender Nymphæas, which are the kinds generally grown from seed. Victoria Regia is started each spring from seed. It will grow under the same treatment as the tender Nymphæas, except the temperature of the water must be kept close about ninety degrees all the time. Hardy Nymphæas are usually sown out of doors in March in shallow ponds or tubs of soil and water. Give them rich soil, still water and a sunny sheltered place. Nelumbium seeds should have a hole filed or drilled through the shell to let the moisture penetrate the kernel or they may lie in the water for years without germinating. Geo. B. Moulden.

## AN EXPERIMENT WITH SWEET PEAS.

(Written for Vick's Family Magazine.)

Some years since an article appeared in this Magazine advocating sub-irrigation for Sweet Peas. In the article referred to, ordinary field drain tile was used to convey the water to the roots of the plants, and the writer seemed convinced that the results justified the expense. Last year I experimented with this problem, and hoping my observations may be of some value, I venture to give them.

Early in the spring a pipe about fifteen feet long, with elbows turning upward, and two rows of holes about an inch apart, punched in the under side, was placed in the bottom of a trench twelve inches deep. The pipe was then covered with about three inches of soil. Twelve varieties of Sweet Peas were sown in the trench on March 26th. After the plants were well started the trench was filled in until nearly level with the surrounding soil. When hot weather came on the pipe was filled with water every night and kept filled until morning. The first blossoms were cut June 21st and the last about the middle of October. The vines were very strong growing to a height of over eight feet, and blooming profusely.

About eight feet from this trench five more varieties of Sweet Peas were planted. These were sown about six inches deep, the trench filled when plants were up, and a mulch afterwards given. None of these varieties was satisfactory; the vines were weak, small, and produced but few flowers. I am convinced that Sweet Peas need plenty of water; that the proper place to put it is at the roots, also that a mulch of grass or litter is of benefit during extremely hot weather.

E. F. Rowe.





# FLOWER GOSSIP

By Eben E. Rexford.

## TRAINING PLANTS.

The Abutilon, Chrysanthemum, Fuchsia, and many other shrubby plants suitable to culture in the window garden, can be trained in various ways to suit the taste of the owner. You can have them like miniature trees or as shrubs. If you prefer the tree shape let a straight stalk grow to the height of two or three feet. Allow no branches to start along this stalk. When it has reached the height where you want the head to form, cut off the top. In a short time branches will be likely to start along the stalk, but all these except a few at or near the top must be rubbed off. Let those which you leave make a growth of four or five inches, and then nip the ends of them. This will induce branches to start at nearly every leaf. By keeping up the nipping, or pinching-in process, you can force as many branches to grow as will be required to form a bushy, compact head. The Abutilon and Chrysanthemum are especially adapted to this manner of training. If you prefer a shrubby plant with branches from the pot up, you must begin your pinching-in while the plant is small. Nip off the top when five or six inches of growth have been made. Four or five branches will probably start below. If these are nipped off when they have grown long enough to have half a dozen leaves each, they will throw out branches, and thus you secure a bushy plant, which, to my mind is more satisfactory than one trained in tree form.

Sometimes a branch will outgrow the other branches on a plant. As soon as you notice an inclination to do this, check it by nipping it back. This will give the other branches a chance to catch up with it before it gets a fresh start. It may be necessary, at times, to cut off the branch; it is better to sacrifice it wholly than to allow it to take to itself the greater share of the vitality of the plant.

Geraniums, unless given a good deal of attention in the first six months of their growth, will become awkward looking plants, and it will be impossible to bring them into good shape later. You must begin with the young plant, if you want to make it symmetrical. Symmetry is not the only result of proper pinching-in. If you force it to branch freely, as you can by persistent nipping off the ends of the branches until you have a dozen or more starting near the base of the plant, you will have much greater flowering surface than a plant left to train itself will ever develop.

## FERTILIZERS.

My experience has convinced me that the best fertilizer for all kinds of house-plants is cow manure, mixed with the soil or given in liquid form. I have never tried it on any plants that did not seem grateful for the application. It produces quick results on such plants as the Geranium, Fuchsia, Abutilon and others of that class, giving large, rich, dark-colored foliage and fine flowers. Where cow manure is mixed with the soil in which a plant is potted, it will not be necessary to apply it in liquid form until you feel sure that the plant has exhausted the fertilizing element. If liquid

manure is given once a week, it will not be necessary to repot plants oftener than once a year. The proper time to apply liquid manure in order to secure best results, is when the season of bloom is about to begin. It tells on the flowers. You not only get larger and finer ones by its use, but more of them, and the plant does not become exhausted, as it would be sure to do if this fertilizer were not given.

Liquid manure is obtained by pouring water over dry manure and extracting its richness by soaking or leaching. When you apply it to the plants dilute it until it is about the color of tea. Apply it to plants which are gross feeders, like the Chrysanthemum, as often as twice a week, if potted in soil of only ordinary richness. For Fuchsias, give it twice a week, but let it be weak. Except in the flowering season, Geraniums will not require it oftener than once a week. Do not give it to a resting plant or to a sickly one. It will excite the resting plant, and efforts in the direction of growth will be made prematurely. It will act on the sickly plant very much as rich food acts on a debilitated person. It hastens disease instead of helping the plant get well. Let your plants be growing or blooming when you apply it.

It is often impossible for plant growers to procure fertilizers such as I have spoken of above. Guano is a good substitute if used carefully. A large tablespoonful is sufficient for one gallon of water. Stir till well dissolved before applying, and be careful not to get any of the liquid on the leaves. Do not use more than the proportion named, or you may injure your plants, and do not apply it oftener than once a week to the majority of plants. Such hearty eaters as the Chrysanthemum will be better suited with a semi-weekly application. If you have hen manure it can be used instead of guano, following the directions given for the latter in all respects.

Ammonia is a good stimulant for some plants. One fourth ounce of pulverized ammonia is sufficient for a gallon of water. A teaspoonful of liquid ammonia can be used to the gallon, if more convenient than the dry ammonia.

Bone meal is better than ammonia, for the latter is nothing but a stimulant or tonic, while the bone contains elements of nutrition. Instead of being simply a tonic it is a good food, and plants, like persons, should be developed by nutritive treatment rather than spurred to make extra efforts by mere stimulation. Stimulants produce a temporary effect, while fertilizers give good permanent results if used intelligently. In using bone meals, put a tablespoonful into a gallon of warm water. If you have no cow manure to mix with your soil when potting or repotting plants, use bone dust in its place. A teaspoonful to a seven or eight inch pot will be sufficient. Bowker's Food for Flowers is an ideal plant-food, especially effective on roses.

## DISEASED PLANTS.

When a plant that has been making satisfactory growth suddenly drops its leaves, you may be quite sure that its health has been injured in some way. Possibly the cause may be the red spider, but if, after examination, you find none of these

insects at work, you will be obliged to look in other directions for the source of the trouble. Before beginning any kind of treatment, try to find out what has caused the difficulty. When you have ascertained that, you can go to work intelligently. If the pot is too large, put the plant in a smaller one. If too much water is retained in the soil, the drainage must be defective. If too strong a fertilizer has been given, repot the plant, giving it a soil of moderate richness. If the heat of the room is too intense, temper it in some way and give plenty of fresh air.

In treating a sick plant let the soil get quite dry, then repot the plant. Give a small pot and remove all the diseased roots. After potting the plant, water moderately and wait until it shows signs of growing before giving more, unless the soil is likely to get too dry.

If the trouble comes from worms in the soil, take a piece of fresh lime as large as a teacup, and dissolve it in a ten-quart pailful of water. When dissolved, pour off the clear water and apply to your plants, giving enough to thoroughly saturate the soil. This will almost always drive out or kill the worms and seldom injures the plants. If one application is not sufficient, repeat it. Most plants are usually benefitted by the use of lime water occasionally, as there is an element of plant growth in the lime. I depend on this in fighting the worms, and it generally gives complete satisfaction if used as directed.

## VERBENAS FROM SEEDS.

Verbena seeds are hopeless looking things, but an hour's soaking in tepid water helped matters considerably. Then they were carefully planted, one in a place, in a box of sifted soil in which was mixed a goodly amount of sand, and kept moist and warm. In about two weeks they were nearly all up.

Spring was so cold and late—heavy frosts coming in June—that I had much trouble with seedlings of all kinds, but when I was ready to transplant my Verbenas there was just a baker's dozen of nice thrifty plants. I set them in a rich mellow soil, in a sunny location, and just let them grow.

In August the first one opened. The center was white, shading to an exquisite blush pink at the edges. Then came a clear bright red, a rich dark purple with large white eye, a beautiful lavender, a creamy white, a curiously striped one in shades of magenta, a soft rich rose with snow white center, lighter shades of pink and white, and at last a clear dark glowing red like a bit of fire. And nearly all were deliciously scented. They grew with astonishing rapidity, great rank vines, crossing and recrossing, taking root here and there, and holding out everywhere great heads of wondrous bloom.

"I never saw such handsome Verbenas anywhere," was the verdict of all who looked at them. They made lovely bouquets, lasting two or three days in water. And they were the hardiest flowers I had, withstanding the early October storm and freeze that destroyed everything else, and still remaining green and fresh when pulled for "mulch" in December, though having too little sunshine to bloom. *Emma B. French, Oregon.*



### A New California Industry.

California, the land of large trees and lofty rugged mountains, of vast acres of orange groves and barren cactus-covered deserts, contains the African ostrich. For upwards of fifteen years this creature has thrived in the balmy atmosphere of California, enjoying itself on the green alfalfa and multiplying religiously for the benefit of a number of ostrich farmers. It has delighted the eyes of hordes of tourists, who come every year to see the wonderful sights of the Golden State. It is only of late that capital has been directed toward the ostrich, the consequence whereof is the existence of an ostrich trust at Phoenix, Arizona, where are collected some six hundred ostriches, by far the larger portion of those in the country; and it has come to pass that no ostrich can be sold in the United States without reference to this monopoly. It would require a Napoleon of finance to figure accurately the prospective profit of the ostrich trust of Arizona in the years to come.

Even the present time affords some good pickings for the California ostrich farmers; the lovely boas, capes, tips, and plumes, made from the wings and body of the ostrich are sent all over the country; indeed it is conclusively and perhaps reasonably stated by the ostrich farmers of California, that the ostrich feather fresh from the native American ostrich, instinct, if it may so be termed, with the life of the bird, is a more lasting affair than that article from the Cape which has lain for months on the wharves at Table Bay or in London warehouses, awaiting the periodical auctions that affect the feather trade. However this may be, the supply and trade in native ostrich feathers is on the increase. Added to this is the revenue from the admission fees; no visitor to California now thinks of leaving the State unless he has seen the ostriches, so well have these exhibits been advertised to the traveling world.

And a most curious picture to the tourist is the California Ostrich farm. There he beholds the ostrich in all its stages of life, from the frisky infant ostrich chick who has just made his exit from the immense ostrich egg shell, to the patriarch of some thirteen years of age, who proudly meanders up and down the pen provided for it. Now and then a plucking is advertised, when each bird is surrounded and captured in a corner of its corral and its head enveloped in a hood; thus treated it becomes as tame as a cow, and will submit with very little objection to the removal of that beautiful plumage that delights the eye of the ostrich farmer, fills his pocket with cash and furnishes ample food for admiration to the many ladies who visit his institution.

The ostrich is a multiplier. The average amount paid by the Arizona ostrich trust for all young ostriches is twenty-five dollar each; a pair at the South Pasadena Ostrich Farm has been known to hatch thirty ostriches in one year; this amounts to \$750 per annum income from one ostrich family. Other pairs, however, are not so prolific, or else their eggs are not so fertile, so the number stated can by no means be taken as an average. Accidents will happen in ostrich families; a visitor may alarm a hen ostrich and cause her to tread upon one of her eggs; frequently the

belligerent and rapacious male ostrich eats the eggs of the hen; and rain sometimes so chills a whole nest full of eggs that a loss of several hundred dollars may result. Then come the dangers of disease, from which as yet happily the California and other ostriches have suffered very little. At the Cape, in Africa, the scene of the greatest activity in ostrich cultivation in the world, where are three hundred thousand domesticated ostriches, a peculiar epidemic often carries away hundreds of young chicks. If fed on green grass there is in America very little trouble with the young of the ostrich population, but if dry food only is supplied to them their little livers refuse to work and the consequence often is a dead infant ostrich. Of course the advanced and progressive American ostrich farmer has warmed incubators and brooding boxes provided for the young ostriches and takes every care to protect them, allowing them to wander about the lawns of the ostrich farm only when the gentle California sun, which shines daily almost throughout the year, pours down his cheerful and life-giving rays.



Ostriches Running at Full Speed.

One of the grandest sights presented in California, among the wonders so interesting to the traveler and tourist, is the great salesroom at the Pasadena Ostrich Farm; here are twenty thousand dollars worth of ostrich merchandize—the finest in the land. This spectacle excites the unqualified admiration of the ladies; from here feather goods are mailed to all parts of the United States, six hundred letters a day being received by this establishment.

Not content with exciting public interest and demand in America the leading and pioneer ostrich farmer, Mr. Edwin Cawston, proprietor of the Pasadena Ostrich Farm, has just sent some four dozen adult ostriches to France to be exhibited at Nice, a famous watering place on the borders of France and Italy, near the great gambling resort of Monte Carlo. The feather product of these birds will go to the Paris market, while the money received from admission fees will reimburse the enterprising ostrich farmer for his venture. Thus on the borders of the very sea that bathes the land that gave birth to the domestic

ostrich, this boon to civilization—for it was at Algiers in Africa, under the control of France, that the initiatory experiments with wild ostriches were first undertaken—is established an American ostrich farm, giving to the world one more illustration of American experiment and enterprise.

The lady is now probably living who will very likely see the entire American ostrich feather demand supplied by the American ostrich solely. When that time comes the wildest dream of the pioneer ostrich farmer will have been realized and the two million dollars that now goes over to London from New York every year in exchange for Cape ostrich feathers will remain at home. This exhibit at Nice may be considered a straw indicating the great stream of American industry in this direction.

E. H. Rydall.

### NOTES FROM A NORTHERN ROSE GARDEN.

(Concluded.)

correctly, the Tea rose does well when grown in the above manner. There is one or two things to look out for, however. Be sure that the soil in the pots does not dry out. Sink a tin can, with holes in the bottom, down at the side of each plunged rose, and into it pour water as the plant needs it. Give daily attention, if possible, to see that they do not lack for moisture. It is easy to gauge the amount of water so they will have a correct supply.

Have the soil rich. Be on the lookout for mildew, aphids, and rose worms and do not let them get ahead of you. Have a remedy handy. Give the pots good drainage; roses cannot do their best without it. Set the plants in their dishes early enough to give them a good start. Gradually accustom them to the bright sunlight and outdoor air—that is, do not plunge them in the ground as soon as set out. Keep them on a semi-sunny porch during the day until well into May. They do better where they can be shaded during the hottest weather. The east side of a house is usually a good place to grow roses planted in the manner discussed, although they will do well in the direct sun if daily attention is paid to watering and other essential requirements.

#### MARCH.

I bring the gold-dust to the fallow  
And cresses to the runnels shallow;  
Gold kingcups to the marshy hollows  
And swallows.

My sign's the Ram with golden fleece;  
I break the earth's cold wintry peace  
With shining share; I pierce the clods  
With lily-rods.

I break the earth with shining share,  
I bring the gold-dust to the fallow,  
I whisper to the wayside mallow  
What pride of purple she shall wear  
When June is in the earth and air;  
I bring gold kingcups to the hollows,  
I heal the brown earth's birthing pain,  
I bring the swallow-worts again,  
And swallows.

Nora Hopper.



## THE MOTHER'S MEETING

By Victoria Wellman.

"God could not be everywhere—so He made Mothers."

### MISUNDERSTOOD.

"They do not understand thee, these  
Whom God has to thy keeping given?  
Let that not fret thee! Some sweet day  
The trust supreme for which thou hast so striven  
Shall be thine own,  
When years go by and they have older grown.

They see thine every fault? 'Tis well;  
Perchance their vision may a mirror be  
In which thou canst behold some hidden thing  
Thou didst not dream was spoiling thee.  
Turn thou thine eye  
And search thy heart; thus grow as days go by.

They hurt thee and they do not seem to know?  
The wounds of friends are deep and hard to bear.  
And thou canst tell no other friend these things?  
There is a Friend e'en this to share.  
Sob out thy hurts at His dear feet,  
'Twill rest thee so—  
Then do thy best; some day they too may know."

### MOTHER, WIFE AND FRIEND.

That the duties of each seem distinct we all know and oft-times in straightened, harassed lives they seemingly clash discordantly. Some women are model wives intuitively; they possess a graceful tact which oils the rough spots of domestic life, and wear the crown of love, so secretly and universally craved by every woman, as a due reward. As housewives or as mothers they may be prone to many failings, and as friends to their own sex changeable as the winds of spring, yet they retain what appears to be a magnetic hold upon their husband's hearts.

It is, I know, a popular belief that the way to retain a husband as a lover is to cook beautifully, never grow old, wear a sweet smile as you meet him at the door, and never appear with frizz-pins and torn wrappers even at five o'clock in the morning. Circumstances and individuals differ widely, but I know of men whose affection is not dependent on externals, because their faith clings to a hidden ideal and if that ideal exists in any degree in any woman it will alter unpleasant external surroundings into more pleasant ones.

There is a popular ideal of wifely and maternal duties and the person who is the "soul of honor" perceives her duty to her real friends. The wisdom of Solomon would be taxed to solve some problems where a peace-loving wife is commanded to renounce true friends, or to endure a husband's bad example to her children for whom she trembles, yet wishes not to cast a slur against the father; or, again, a tyrannical husband amuses himself by cutting sneers at the woman who is wife and mother and she sees, in anguish unspeakable, they are imitating the stronger party.

There are two Bible rules fitting these cases, I think. One is, "As far as lieth in you live peaceably with all men;" the other is, "Let no man despise thee." These emphatically should be adopted on the bridal day and, more emphatically, do not mean domestic martyrdom or annihilation—which implies that one party is tyrannical and selfish.

### THE UNHAPPY MOTHER.

We have all seen her, caught glimpses of her cross—and a vision of her crown. Not the weak, whining nature, not the selfish or obstinate or quarrelsome, but the truly good, truly tried and virtuous woman. Defrauded of the sweetest solace, a husband's sympathy, obliged to smile through tears—for her children. She is often depressed by a feeling of uselessness. Yet home is as dependent on her brave endurance as the universe is upon the love of God. She sees others, free, careless, seemingly great in "missions" and sighs over her drudgery. An absolute need is a daily relaxing time when either in the open air she may muse away the fog of melancholy and receive clearer vision of her "mission" or an interval at home for the heart-touching words of another's inspired thoughts.

Mothers need encouraging; let husbands try a loving word of praise—even extravagantly put—and lend a hand to control the disasters which at times overwhelm an exhausted woman whose bodily and mental state often need just consideration. There is spiritual comfort in the kind, calm tone of a true man—the protector, friend and lover, who is the ideal of every true woman's dreams.

### THE MOTHER AS A NURSE.

Just a word to the mothers who live "out a little way" or "on the farm," and to whom the accident of a serious burn is a matter of vital importance—the Doctor is so far away. Twice have I seen and helped treat burns which were nearly fatal, and learned many points. The later knowledge is so valuable I pass it on. Crush eggs quickly and smear them thickly on the burn. Instant relief and no scar is the result.

But often you can not get eggs and something must be done at once. Therefore I recommend to all a salve so magically healing (I have seen its work) that all should have a box in the medicine closet. (Be sure to have a medicine closet.) It is Hood's Olive Ointment. You will be sure to find uses for it besides on burns.

"Ships that pass in the night, and speak each other in passing,  
Only a signal shown and a distant voice in the darkness;  
So on the ocean of life we pass and speak one another,  
Only a look and a voice, then darkness again and a silence."

If a mother is sorely tried or in need, if a true desire to help is any measure of sincerity, let that mother address me for I desire to help where possible. And what lovely words some dear grandmothers might write to the Mother's meeting. There's nothing equal to experience.

### SOME THOUGHTS FOR MOTHERS.

"The discord is within which jars  
So roughly in life's song;  
'Tis we ourselves who are at fault  
When others seem so wrong."

"It is wicked folly to make enemies for the little while we are here."

"I thought of our little quarrels and strife,  
And the letter that brought me back my ring;  
And it all seemed then, in the waste of life,  
Such a very little thing."

"Leave the bitter word unspoken;  
So shalt thou be strangely glad,  
If there lies no backward shadow  
On dead faces, wan and sad."

"She doeth little kindnesses  
Which most leave undone or despise;  
For naught that sets one heart at ease,  
Or giveth happiness or peace,  
Is low-esteemed in her eyes."

### MOTHERS AS KIND NEIGHBORS.

The rural or suburban woman little guesses the loneliness of a city woman's daily life. Artificial amusements in easy reach are no substitute for the breezy little calls of one's neighbors. There are times when sick souls do not crave amusements, but do need quiet, frequent sympathy. It is almost worth while to be ill, if only to experience the kind deeds which it prompts in small places. Food is brought, help given around the house, the children taken away and general well-wishing for recovery is expressed. The city woman's pain must be endured alone. She may die, and few more than notice her funeral on the street.

Kind women—there are such; I know some who would protest against my praise but to whose steady, true, if sometimes stern advice and love, I, a sad orphan, owe my highest ideals. And when great agony had nearly crazed me, a sweet humanitarian saved me by faithful sympathy. Burdened each one was to utmost endurance yet—they cared to help me. Shall I not strive to "pass it on," to sling evidence of this invisible gold of humanity into the frowning face of cynicism which sneers that all are selfish? God reward that good "mother-friend" of my childhood, and fill a measure of supreme content for the friend of later years.

O mothers! let us "lend a hand" to some needy one near by; it may be only a cheery "Good morning," or it maybe personal work—but all unselfish deeds bless the doer and the receiver. We need self-control to be as kindly patient as we desire, and home duties leave us tired to indifference, still kind deeds, kind words are real charities. If nothing more be neighborly and—not a critic.

## DOCTORS ENDORSE SWAMP-ROOT.

To Prove what Swamp-Root, the Great Kidney, Liver and Bladder Remedy, will do for YOU, Every Reader of Vick's Family Magazine May Have a Sample Bottle Sent Free by Mail.



A. J. HAILE, M. D.

East Atlanta, Ga., March 1st, 1901.

DR. KILMER & CO., Binghamton, N. Y.

GENTLEMEN:—While it has never been my habit or inclination to recommend remedies the ingredients of which are not all known to me,

The mild and extraordinary effect of the world-famous kidney, liver and bladder remedy, Dr. Kilmer's Swamp-Root, is soon realized. It stands the highest for its wonderful cures of the most distressing cases.

Weak and unhealthy kidneys are responsible for more sickness and suffering than any other disease, therefore, when through neglect or other causes, kidney trouble is permitted to continue, fatal results are sure to follow.

We often see a friend, a relative, or an acquaintance apparently well, but in a few days we may be grieved to learn of their severe illness, or sudden death, caused by that fatal type of kidney trouble—Bright's Disease.

EDITORIAL NOTE—If you are sick or "feel badly," begin taking the famous new discovery, Dr. Kilmer's Swamp-Root, because as soon as your kidneys are well they will help all the other organs to health. A trial will convince anyone.

You may have a sample bottle of this wonderful remedy, Swamp-Root, sent absolutely free by mail, also a book telling all about Swamp-Root and containing many of the thousands upon thousands of testimonial letters received from men and women who owe their good health, in fact their very lives to the great curative properties of Swamp-Root. In writing to Dr. Kilmer & Co., Binghamton, N. Y., be sure to say you read this generous offer in VICK'S FAMILY MAGAZINE.

If you are already convinced that Swamp-Root is what you need, you can purchase the regular fifty-cent and one-dollar size bottles at the drug stores everywhere. Don't make any mistake, but remember the name, Swamp-Root, Dr. Kilmer's Swamp-Root, and the address, Binghamton, N. Y.

it seems as if I should make an exception in the case of Dr. Kilmer's Swamp-Root. My experience, so far as I have tested it in my practice, forces me to the conclusion that it is a remedy of the greatest value in all kidney, liver, bladder and other inflammatory conditions of the genito-urinary tract. I now take pleasure in prescribing Swamp-Root in all such cases with a feeling of assurance that my patients will derive great benefit from its use. I shall continue to prescribe it in other cases in my practice with the expectation of good results.

Very truly yours,

A. J. Haile, M. D.

GENTLEMEN:—I have prescribed that wonderful remedy for kidney complaint, Dr. Kilmer's Swamp-Root, with most beneficial effect and know of many cures by its use. These patients had kidney trouble, as diagnosed by other physicians and treated without benefit. Dr. Kilmer's Swamp-Root effected a cure. I am a liberal man and accept a specific wherever I find it, in an accepted school or out of it. For desperate cases of kidney complaint under treatment with unsatisfactory results I turn to Dr. Kilmer's Swamp-Root with most flattering results. I shall continue to prescribe it and from personal observation state that Swamp-Root has great curative properties. Truly yours,

L. Bantow, M. D.

276 9th St., Borough of Brooklyn, N. Y.





### THE BRIGHT EYED CORNER.

#### THE FAIRIES' TEA.

Five little fairies went out to take tea  
Under the shade of a juniper tree;  
Each had a cup from an acorn ball cut,  
And a plate from the rind of a hickory nut,  
And the table was spread with a cloth all of lace  
Which the spiders had woven the banquet to grace.

Oh, such good things as they all had to eat;  
Slices of strawberry—my, what a treat!  
Honey the sweetest the wild bee could hive,  
And a humming bird's egg for each of the five.  
Then they pledged their host's health in their  
favorite drink,  
Which was—well, what was it? Can anyone think?  
Why, the dewdrop that comes from the heart of  
the rose  
Is the drink of the fairies, as everyone knows.

*Selected.*

#### THIS AND THAT.

Are you true to your chums, young friends, or do you change them every week and talk naughty things about your last chum to the new one?

I have been reading about a brave boy, one whose idea of honor was perhaps too strong to be exactly practical, but oh, so unlike some boys that it seems good to hear of one such soul!

He lay dying in the hospital and refused to tell the name of the companion who pushed him to his death. "Dont' cry, mamma," he said, after his leg was amputated. "It wouldn't be fair to tell. He didn't mean to hurt me." True to his chum he died clinging to his mother's hand. Do you know a braver boy?

"DIDN'T MEAN TO."

Is that any excuse, boys? Did it save his life? Did it stop that mother's tears? What good such a brave boy would have done when he became a brave man—all undone by a rough, careless, (selfish?) boy who "didn't mean to!" Was he ever able to forget it, I wonder?

My attention has often been called to the cruelty of some boys in the public schools. Away from the eyes of their parents they are never happy unless engaged in tormenting the helpless or insulting and disobeying their teachers. One such boy recently caused a nervous, high-strung, but refined boy to become in serious danger of brain fever. He, the leader, found others to help him in the wild teasing fight—more shame to them all—and when asked to explain why he did so replied, "Just for fun—to see him get mad." Remember, he knew the boy's condition and when serious results happened had not so small a spark of real manhood as to even look ashamed. He had before this caused a little boy to fall nearly dead of exhaustion—a boy he knew had serious heart trouble.

What is this thing (I hate to call him a boy or imagine what a wicked man he will be)—is he not a genuine coward? Notice; he chose the weakly ones and induced others to help him. Alas! he

was not expelled from school. Little will he care for his teacher's forbearance.

My bright-eyed girls! You have made me proud. How nobly you have worked and sent so many nice clubs. All have chosen good books—which proves you love good things in reading, a sure sign of good character. You should see how pleased I am over your little letters! It brightens a whole day to be remembered so nicely.

Tena Timm:—Niece Tena, your letter was "short and sweet." You see I am answering before the year is out, just to tell you to write again. Help me to make the young folks love the Bright Eyed Circle. If they do not I shall be a sadly discouraged Auntie.

Sarah Richardson:—You write in a pretty, easily-read hand—just like a young girl about your own age who lives with me—must be your "cousin" since I am your "aunt"—and that is a good idea about music lessons; you will be less liable to overwork your nerves if they come only every other week. Some day when you can play beautiful music you will not regret the practice hours gone by.

Laura Conrad:—Niece Laura, I am proud of you, my dear. Such a list of names is good work and it does credit to our Bright Eyed Circle. Do you know, the girls are doing much better work than the boys! Are they too busy skating and coasting? Your mamma loves my favorite flowers.

Florence Neff:—Niece Florence, if I only had a snap shot at those cute, waddling ducklings and puffballs of chicks! Young turkeys are so awkward!—But they get over it before Thanksgiving. I hope you may earn a whole shelf full of books.

Lavern Burgan:—Niece Lavern, you are a real helper, the youngest worker, yet have sent a large list. Eight-year-old girls seldom do so well. Write again, another bright little letter.

Who can raise the largest list? How proud Aunt Stella will be of that one. It's so easy to do it now while Vick's Magazine is so cheap. So start at once. You can get one book for every two subscriptions you secure, or a year's subscription to the American Boy for four subscriptions. The books are advertised on the inside of the back cover of the January issue under the head of "Standard Series."

#### FIRST LION BORN IN NEW YORK.

(Written for Vick's Family Magazine.)

It was in Madison Square Garden, in a cage of the Barnum-Bailey show, April 20, 1897, that the first baby lion born in New York, delighted all beholders. His mother's name was Nelly, and how she loved the tawny yellow muf was proven by the care she bestowed upon her offspring.

Most lions, like kittens, do not get their eyes open under nine days but Nellie's baby was taking notice of things in less than twenty-four hours, and growling and spitting when things did not go to suit his majesty, for he was a born king of beasts. His father's name was Frenchy and the first journey the baby lion took was across his own cage up to the bars of the parental habitation.

Nelly saw him in time, and gathering him up by the nap of the neck she carried him to the farthest corner of her own cage, and gave him a gentle pat to teach him that there was his place. Nelly hated tigers and the baby was early taught to hate them also. How he would growl and rage at sight of his natural enemy.

*Ruth Raymond.*



## Ask for a Book

**Send No Money—Simply Learn  
If I Know How to Cure You**

I will mail the book wanted if you will send me your address. Don't let doubt or prejudice keep you from asking for it.

With the book I will send an order on your druggist for six bottles Dr. Shoop's Restorative; and he will let you test it a month. If satisfied, the cost is \$5.50. If it fails, I will pay your druggist myself.

No other physician ever made such an offer; none ever will. I do it because I have discovered a remarkable remedy, and millions need it. I want them to have it.

It is a treatment that strengthens the inside nerves. It brings back the power that operates all vital organs; the only power that can ever make them strong. I have furnished the remedy to over a half million people on these terms, and 39 out of each 40 have paid for it because they were cured. I will rely on your honesty; and if I fail, not a penny is wanted.

Won't you write a postal to learn about a remedy like that?

Simply state which book  
you want, and address  
Dr. Shoop, Box 424  
Racine, Wis.

Book No. 1 on Dyspepsia.  
Book No. 2 on the Heart.  
Book No. 3 on the Kidneys.  
Book No. 4 for Women.  
Book No. 5 for Men. (sealed)  
Book No. 6 on Rheumatism.

Mild cases, not chronic, are often cured by one or two bottles. At all druggists.





## THE NOBLE NATURE.

It is not growing like a tree  
In bulk, doth make man better be;  
Or standing long an oak three hundred year,  
To fall a log at last, dry, bald and sere;  
A lily of a day  
Is fairer far in May,  
Although it fall and die that night—  
It was the plant and flower of Light.  
In small proportions we just beauty see;  
And in short measures life may perfect be.

B. Jonson.

Every day we are becoming wiser as to the proper way of selecting our food. The palate is no longer the arbiter of what to eat, but food values as bone and tissue builders, as repairers of waste, and suppliers of heat, are carefully considered. To supply heat, fat is necessary, and may be obtained from meat, butter, or whole milk; that is, unskimmed milk. It is an unfortunate fact that most children dislike fat meat, in that case they should be urged to eat butter freely, even if the price of it does soar skyward, for the very last place to economize is in the food supply.

Fat salt pork delicately cooked, with the gravy which has fried out during the cooking, and baked potatoes, is by far too tasty a dish to be treated with the contempt it often receives. It does not need a New England education to appreciate the delicious "crackling" justly celebrated by Charles Lamb, and which should be found on every properly roasted rib of pork. In fact pork seems to be the very last meat which we could banish from our bill of fare, though too much pork may become an evil. So may too much partridge. I believe the man who wagered he would eat two a day for forty days did not succeed.

Guinea hens are now often found even in the markets of small towns. They have much to recommend them. They are reasonable in price have a quantity of fine flavored white meat and make an agreeable variety at a time of year when poultry is high. Yet to make them really delicious we have to turn to our friend the pig once more and bind long slender strips on the guinea-hen's breast for the meat is apt to be dry. There is one more point about these birds: you do not want them to hang too long; when they do, they acquire a bitter flavor that is not pleasant.

We have spoken before of the value of nuts as food; it is the oil they contain which makes them so useful. Another food product which we Americans use too sparingly, is suet, a form of fat particularly adapted to our winter diet. If more of it were eaten, there would be fewer "pasty-faced" women among us, a reproach to which our English cousins are not open. They know the value of suet and use it freely. In preparing suet the membrane should be carefully removed; it should be chopped in a cool place, and sprinkled with flour so that it will not stick together.

The most familiar way of using suet is in a pudding, and no reader of Dickens' books can fail to remember how often he mentions this favorite dish. The following receipt is a good but simple one, and may be served with a hot foamy sauce, which is improved by a little cooking sherry:—Take one cupful each of molasses, milk, stoned raisins, and suet chopped fine. Three and one-half cupfuls of flour, one teaspoonful of soda and one of salt. Mix together salt, flour and suet. The molasses and milk should be stirred together, soda added and then the flour mixture. Make a stiff batter, not a dough, and pour in your raisins well floured, stirring them through the batter. Put in pudding mold or deep tin and steam for three hours. This pudding should be deliciously light.

Then there is also the Baked Suet Pudding, hardly less esteemed than the steamed. In this case you use as before one cupful of chopped suet. Add two cupfuls of flour and one teaspoonful of salt. Mix with water to the consistency of a good batter, and stir in two cupfuls of tart apples chopped. Put in a dish and bake an hour. Serve steaming hot, and use for sauce, sweet cream and sugar. Always remember that every dish compounded with suet must be served piping hot. Luke warm suet is a distasteful thing.

An old fashioned dish that used to be held in high esteem is Hog's Head cheese. It is simple to make, for one may buy the faces at any market. Take these faces and boil them till they are quite tender, and the bones so loose that you can easily pick them out. Get them all out, even the smallest, and lay the skins on a cloth (cheese cloth is best), in a deep dish, the outside of the skin next the cloth, as you would line a dish with pie-crust. Season the meat which came from the faces with pepper, salt, sage, thyme and all-spice. Spread it upon the skins, and tie them up as you would a dumpling. Put it under a weight for a couple of days, and then it is ready to eat.

I have been asked to give some way of using peanuts, besides chopped and mixed with sugar or salt as a filling for sandwiches. The following is a Southern receipt for peanut cakes. They are very delicate, particularly when made of the small thin shelled Spanish peanut. Remove the shells and inner husk from a pint of freshly roasted peanuts. Pound them well and add a pint of granulated sugar. Beat the whites of five eggs, and add very slowly the sugar and nuts. Drop in

spoonfuls on a greased tin and bake in a slow oven.

Another way of using nuts is in the plain rice or bread pudding, instead of raisins. At almost every grocery store they keep nuts ready shelled. For five cents you can get enough for two puddings, and they make an agreeable variety. For use in this way any kind of nut is better than peanuts. Pecan is perhaps the most tasty. If you want to particularly please children, add nuts to the plain puddings, do not sweeten them as much as usual, and add a sauce of hot maple syrup. A simple way to make it is to buy the sugar in bulk. Melt down a cupful of it with a cup of water. Let it boil about five minutes. Keep it in a pan of hot water till you are ready to serve it, and then stir in half a cup of milk, or cream.

A very plain pudding can be quite dignified by its sauce. Half a cup of jelly of any flavor may be stirred till quite smooth. Then beat into it lightly the whites of two eggs which have been whipped to a froth. This sauce has the merit of looking very pretty as well as tasting well. Even the juices of canned fruits can be made into palatable sauces by boiling and adding a little arrow root which has been moistened with water. If these are from home-made canned fruits you generally do not need to add a little sugar. Just now it seems to be the fancy to use hot sauces with cold puddings, and cold hard sauces with hot puddings. It began a couple of years ago when hot chocolate sauce was so much used with ice-cream, and has now extended to puddings of all degrees.

To return once more to our first subject, fat, we may well be surprised to learn how beneficial in cases of pulmonary consumption a treatment of mixed fats is found to be. The fats are reduced to a liquid, which is taken internally by the patient. The experiments regarding the use of this new formula have been carried on at the New York Post-Graduate Medical School. So far not one failure is announced and the experiments have been going on several years. The exact formula has not been given to the public, but it is known that the ingredients used are beef fat, peanut oil, oil of cloves, and cocoanut oil. There have been fifteen patients reported well so far, and a number have reported that they are in good health, have gained in weight, or remained stationary. It seems a simple method of combatting a dread disease, and one that can be applied at home.

## DON'T MISS THIS BARGAIN

You will never find another like it—We offer you *Green's Fruit Grower*, the best, handsomest and most helpful publication of its kind (recently improved) also several other good journals at a price far below what you can obtain them for elsewhere.

Here is the list—*Vick's Family Magazine* one year; *Green's Fruit Grower* one year; *The American Poultry Advocate* one year; *Up-to-Date Farming and Gardening* one year. A total value of \$1.75 for only 55 cents. Fill in the following; blank plainly and mail to us with 55 cents at once.

VICK PUBLISHING CO.

Enclosed find 55 cents for one year's subscription to *Vick's Family Magazine*, *Green's Fruit Grower*, *American Poultry Advocate* and 3 months subscription to *Up-to-Date Farming and Gardening* and *New Ideas* as per your offer.

Sign here.....

Post Office.....

County.....State.....



## WESTERN NEW YORK HORTICULTURAL SOCIETY.

By Florence Beckwith.

The forty-seventh annual meeting of the Western New York Horticultural Society was held in this city January 22 and 23. On account of a severe snow storm, the attendance was not as large as usual, but this in no way detracted from the interest of the meeting, which, in point of practical papers presented and subjects discussed, was one of the most profitable ever held by the Society.

A list of questions bearing upon subjects of interest to fruit growers is always a distinguishing feature of the meetings of this Society, and in the free discussion of the matters thus presented, the members perhaps derive as much benefit as from the carefully prepared papers which are read, for the answers come from those who have had practical experience and are sharp, concise, and right to the point.

An interesting feature of the meeting was the presentation of Barry gold medals to Mr. Charles G. Hooker and Messrs. John Charlton and Sons for originating new and valuable varieties of fruit, the former having produced the "Perfection" currant and the latter the "Charlton" grape.

A fine display of fruit was made by the Geneva Experiment Station, Messrs. Ellwanger and Barry, and others, and included apples, pears and grapes. Lack of space prevents a full report of the meeting, but a few of the salient points of some of the papers and answers to important and interesting questions are given.

In his paper on "The Relation of Cold Storage to our Home and Foreign Markets," Hon. George T. Powell, of Briar Cliff Manor, N. Y., spoke emphatically on the desirability of shipping fruit direct to European markets. When repacked in New York, as has been the custom, failure of the fruit to reach its destination in good condition has been an almost universal result. Large amounts of capital are being invested in cold storage plants, and it is only a question of time before cold storage houses will be established in every fruit growing district. It is going to be possible to store strawberries, and other berries, currants and cherries from seven to ten days before putting them on the market, thus preventing glutting and consequent low prices. Apples which have been kept in cold storage should not be taken directly into a very warm temperature. If those kept at a temperature of thirty-three degrees were taken out and kept at a temperature of about forty degrees for two days, they would come out fresh, crisp, solid, and without loss of color. One of the greatest mistakes made by fruit growers is to keep apples on the ground after picking. When apples are spread on the warm ground the process of ripening is hastened. The fruit should be put into barrels when taken from the tree, placed in cold storage, and shipped at the proper time. From his own experience he was satisfied that the continuous use of crimson clover in an apple orchard had a tendency to deteriorate the keeping qualities as well as change the color of some varieties, such as the Baldwin.

"New Ideas in Strawberry Culture," by Hon. R. M. Kellogg, of Three Rivers, Mich., was one of the most interesting papers presented. The speaker said that the same principles should be acted upon in the propagation of strawberries as in breeding stock; *i. e.*, only the very best and strongest vines should be used in propagating. He characterized fruit growers as being fifty years

behind stock breeders in regard to this principle. The first plant on a runner will be strong and healthy. In preparing land for strawberries, Mr. Kellogg sows corn very thickly the previous season, mows it, and uses it as a mulch on his beds. The land is put in the best possible condition, and only strong and tested varieties are used. The planting is done by hand. Out of 180,000 plants set out last year, only half a dozen died, though it was a very unfavorable season for fruit growers. He does not cultivate in wide matted rows, but in hills or hedgerows, setting thirty inches apart. Brandywine and Warfield were mentioned as popular varieties over a wide range of country, but it was impossible to recommend any particular kinds, as some would do well in certain localities and be utter failures in others. He had found Senator Dunlap, Kansas, and Clyde good varieties. The Atlantic had rusted and failed in Michigan, though it had done well in other states.

In "Fertility for Fruit Growers," Dr. W. H. Jordan, Geneva Experiment Station, advocated careful tillage for the purpose of overcoming the capillary properties of the soil and consequent loss of moisture. Cultivation of the soil should be begun at the very earliest date possible without producing a condition unfavorable on account of over wetness. Judgment should be exercised in determining whether loss of water should be discouraged or encouraged. Cultivation immediately after a rain was profitable. Stir the ground thoroughly three or four inches deep. He did not approve rolling the ground, as under most circumstances it tended to increase the loss of moisture; cover crops might also rob the fruit plants of much needed moisture. Lack of water is a more serious handicap than anything else in the cultivation of fruit.

Professor I. P. Roberts, College of Agriculture, Cornell University, spoke on "Tillage and Cover Crops." One of his most suggestive ideas was that fruit growers should plow in the fall; in this way the soil would freeze deeply and thus be lifted up and loosened, overcoming the wasteful loss of moisture which is consequent on a closely packed soil. He said that cover crops might, in a measure, take the place of fertilizers and manures, but they were not a universal panacea for all deficiencies in the soil.

Mr. Kellogg advocated cultivating orchards all the spring; he sows a cover crop of oats in the fall; in the spring they are dead and can be plowed under. The oats protect the roots of peach and other trees.

Mr. L. Woolverton, of the Ontario Fruit Experiment Station, spoke of his experience in packing and shipping fruits to foreign countries. He advocated packing the best grades of apples in boxes, and thought it well to have them guaranteed as to quality. In shipping fine fruits, he advised wrapping in wax and manila paper; for ordinary export trade thought manila paper sufficient. Mr. Woolverton, exhibited a box which he had found well adapted in size and manner of construction for packing apples for exportation. He thought the barrel still the best package for common home market.

Professor M. V. Slingerland, of Cornell University, in the report of the committee on Entomology, said that the Palmer worm, which did considerable damage in 1900, did not appear in 1901. It had, perhaps, gone into retirement for another fifty years. The canker worm was less in numbers in 1901, on account of climatic conditions and the use of spray pumps. The Hessian fly probably reached its climax in 1901, when it took over half the wheat crop and did damage to the amount of more than \$3,000,000. Late sowing will probably keep it down. He advised sowing a

narrow strip of wheat in August for a trap. The 25th of September is perhaps as late as it is safe to sow the main crop in this state. In no year in history had the stink bug done so much damage as in 1901. Hand picking of the bugs and eggs in the early spring is the best remedy.

(To be continued in the April issue.)

### Special to Fruit Growers.

We can furnish you more good literature on fruit growing for the money than you can obtain anywhere else in America. We will send you the Western Fruit Grower, Green's Fruit Grower, and Vick's Family Magazine each one year (total value \$1.50) for only 65 cents. You cannot afford to miss this great offer. Send your subscription at once and tell others about it. If you will get three to accept this offer sending us the money (\$1.95) we will send you the club for your trouble.

Vick Publishing Company.

"The Jewel in the Crown of Southern  
California."

## LOS ANGELES

One of the most beautiful of all the California cities, and the city that showed the greatest percentage of growth in the census of 1900, is the "City of Angels," called Los Angeles.

It is most easily reached from New York and New England and the territory east of Chicago, St. Louis and Cincinnati, by the

### NEW YORK CENTRAL LINES.

and their connections.

Several excellent hotels, a large number of fine boarding houses and delightful suburbs in ever direction make Los Angeles a center for winter tourists.

"Four-Track Series" No. 5, "America's Winter Resorts," sent free on receipt of a two-cent stamp, by George H. Daniels, General Passenger Agent, Grand Central Station, New York.

## THE WEST SHORE

### RAIL ROAD

One of the leading Trunk Lines of

America. Runs along the west side of the historic Hudson River, through the foot hills of the Catskill Mountains, through the beautiful Mohawk Valley. Four fast trains daily between Buffalo, Rochester, Syracuse and New York.

For particulars call on any West Shore ticket agent or address,

C. E. LAMBERT, H. PARRY,  
Gen'l Pass'r Ag't Gen'l Ag't Pass'r Dep't  
7 East 42d St. New York. Buffalo, N. Y.



# VICK'S FAMILY MAGAZINE

March, 1902

Published by VICK PUBLISHING COMPANY.

FRANCIS C. OWEN, Pres. C. E. GARDNER, Sec.—Treas.  
EDITORIAL STAFF.

FRANCIS C. OWEN Editor  
FLORENCE BECKWITH Associate Editor  
N. HUDSON MOORE Household Department  
H. E. VAN DEMAN Fruit Department  
J. W. BURGESS Poultry Department  
STELLA M. ALDERSON Children's Department  
VICTORIA WELLMAN Mother's Meeting

## CONTRIBUTORS.

Mrs. G. T. Drennan—Dame Durden—Benj. B. Keech—Geo. B. Moulder—Ruth Raymond—E. S. Gilbert—Dart Fairthorne—Mrs. W. A. Cutting—Mary Moore Thurlow—Emily A. Watson—Ethelyn—Mrs. Emma Wilson—L. H. Read—Mrs. W. M. Knoer—Anna Lyman—Mary H. Coates—Emma Clearwaters—Emma B. French.

## SUBSCRIPTION—50 cents a year in advance.

No name will be entered on our list unless paid at least three months in advance.

Remittances received from subscribers in arrears will be applied:

1. To pay arrears to date remittance is received.
2. The balance, if any, will be applied to advance subscription.

**Vick's Family Magazine** is published the first of each month. Should subscribers not receive their magazine promptly they will confer a favor by giving notice, thus enabling us to send another copy.

**Discontinuances:** Any subscriber wishing to stop his paper must notify the publishers and pay up all arrears, otherwise he is responsible for payment as long as paper is sent.

**Change of Address:** Should a subscriber wish his address changed he should give both the old and the new address, otherwise his name cannot be found. If your former postoffice has been discontinued on account of rural free delivery, notify us and state the correct postoffice for us to send the magazine to now.

**Send Money** by registered letter or in any safe way but do not send stamps unless absolutely necessary. Express orders cost no more than postage money orders. They can be procured at any express office and we prefer them. Make money orders payable to Vick Publishing Co. Checks accepted.

**Please Notice.** If this paragraph is marked, it is to notify you that your subscription expires with this issue. Let us have your renewal at our special rate of five years for \$1.00. We are confident you will be pleased with *Vick's* in the future. As it is our custom to continue sending the magazine to all subscribers until ordered discontinued, you will still receive it regularly, but we hope to receive your renewal fee by return mail.

**Special Notice.** This magazine is not connected in any way with any seed house. Be sure to address all correspondence to the Vick Publishing Co.

**Advertising.** Our magazine is recognized as one of the most profitable for general advertising. Guaranteed circulation 50,000. Rates 20c an agate line. Fourteen agate lines to the inch.

All subscriptions and advertisements should be forwarded to the

**Vick Publishing Company,**

DANVILLE, N. Y. 62 STATE ST. ROCHESTER, N. Y.

Entered as second-class matter at the Danville, N. Y., Post Office.

If there comes a little thaw,  
Still the air is chill and raw,  
Here and there a patch of snow,  
Dirtier than the ground below,  
Dribbles down a marshy flood;  
Ankle-deep you stick in mud  
In the meadows while you sing,  
"This is spring."

C. P. Cranch.

The new magazine is a bright, spicy little journal.—H. F. F., Pulaski, N. Y.

In any change of address, always give the old as well as the new one.

Our family could not get along without *Vick's Magazine*.—M. L. K., Longtown, S. C.

That is a good book which is opened with expectation and closed with profit.—A. Bronson Alcott.

We have taken the magazine a year and like it very much.—Mrs. L. J. P., Hamlin, N. Y.

"In our everyday life we are shaping the character which will determine what our actions shall be in times of crisis. Heroes are not made on battlefields."

The magazine is a welcome visitor at our home, and very useful, too.—J. DeS., Dillman, Wis.

"Well, trials are the portion of mankind and gardeners have their share, and in any case it is better to be tried with plants than persons, seeing that with plants you know that it is you who are in the wrong, and with persons it is always the other way about—and who is there among us who has not felt the pangs of injured innocence and known them to be grievous?"—Elizabeth in Her German Garden.

The New York State Fruit Growers' Association and the Western New York Horticultural Society, at late meetings, passed resolutions denouncing all projects for irrigating any portion of the public domain at the public expense.

I have taken the magazine for a number of years and like it very much.—Rev. W. J. F., Essex, Ont.

A subscriber asks for a remedy for the Aster beetle. This insect usually makes its appearance when the blossoms begin to open, and a sharp watch for it should be kept just before that time. A gill of benzine to a pint of water makes an effectual remedy. Hold a dish of the mixture under the insects and they will drop into it. They last from six to nine days and should be looked after three times a day.

You have improved the magazine so much in every way that I do not see how you can offer it so cheaply.—Mrs. H. C. H., Williamsburg, Ky.

If there are no trees around your school house, why not plant some this spring? City school grounds are frequently so small that there is no space for trees, but in the country there is generally room enough and even one tree will add to the comfort of the pupils and teacher and greatly improve the appearance of the place. Country schoolhouses are noted for their forlorn, desolate appearance, which might easily be improved if the teacher, trustee, or some friend of the school would take the matter in hand and arouse a little enthusiasm. Try it.

I have just received a sample copy of *Vick's Magazine* and am well pleased with it. Enclosed find two subscriptions. W. J., Pine Grove, W. Va.

For several years the writer has supplied his own family as well as those of two or three neighbors with nice fresh cucumbers from one hill in his garden. You can do as well if you will do this: cut an old barrel in two and set one half of it, with the head knocked out, on the ground, and fill it with ordinary barn-yard manure, not too much rotted. Plant the seed in the earth outside the barrel and about six inches away from it. Each day pour water on the manure and this will soak down to the roots of the vines and carry the strength of the manure with it. At first it will not require much water but in July and August two or three pailfuls a day will not be too much to keep the vines green. It will require a space a rod square as the vines will run out in every direction. Forty to sixty strong vines can be grown in one such hill and kept green until frost kills them.

## For Subscribers to Remember.

We receive tens of thousands of letters from our subscribers and it takes time to attend to changes of address, new subscriptions, discontinuing the magazine, etc., and it often happens that an extra number is sent after such a letter is received on account of the wrapper for the magazine having already been written. Our January edition was exhausted early, so about one thousand subscriptions which were ordered to begin with that issue had to go over to February.

Again let us request that in ordering a change of address you give the old as well as the new post office, and if your post office has been discontinued on account of rural free delivery inform us of this fact and state the correct address at the present time.

## Some Press Notices.

A magazine that is very rapidly growing in popularity is *Vick's Family Magazine*. It would be useless to try to give a table of contents, as it deals with so many different subjects. Its opening articles are as usual on floriculture, and are very interesting and instructive. The aim of its publishers is to get up a magazine containing matter of interest to all classes of people, and this it certainly does. The price of this excellent magazine is but fifty cents per year, and this is the only cheap thing about it. The Budget commends the magazine to all lovers of clean reading, and especially to lovers of gardens.—Budget, Troy, N. Y.

*Vick's Family Magazine* is one which should be found in all well-read homes. Much instruction is gained by those who read it. Aside from the flower department is the Poultry Page which alone is worth 50 cents, the price of the publication.—The Advertiser, Farley, Iowa.

## Vick's Family Magazine.

This old friend increases more and more in sustained interest; it is really as named, a "Family" magazine, and once read is eagerly waited for as successive numbers appear. Then too it is a comprehensive guide to all who love Horticulture; the proprietors being practical nurserymen can be relied on in their hints and directions as to flower culture. We cordially recommend this journal.—Humane Journal, Chicago.

# Great 60 Day Offer EXTENDED.

Our great offer to send this Magazine a full year for only 25 cents is taking like wild fire. Subscriptions are pouring in in large numbers from every part of the country. We have so many requests to hold it open a little longer that we have decided to do so for 60 days more. Have you sent your subscription? If not, do so at once. You will never have a better offer. Just think of securing an excellent publication with so large an amount of good reading as

## VICK'S FAMILY MAGAZINE A Full Year for Only 25 Cents.

This is a great offer. Do not miss it. We will enter your subscription five years for \$1.00.

**AGENTS WANTED** We want agents everywhere to take subscriptions. You will find it easy work at this very low rate. Anyone can secure ten or a dozen easily. We will allow you to keep one-half of all money collected as your commission, or we will give you some very liberal premiums. We will furnish a supply of magazines to work with if you wish them. Take this copy of the magazine and begin at once. Send us the names as fast as possible that we may begin the subscriptions promptly.

VICK PUBLISHING COMPANY,  
DANVILLE, N. Y. 62 State St., Rochester, N. Y.

# Great Clubbing Offers.

## No. 1—The Best of All.

Vick's Family Magazine	} Value \$1.75 for Only 55c.
Green's Fruit Grower	
American Poultry Advocate	
Up-to-Date Farming and Gardening	

## No. 2—A Big Bargain.

Vick's Family Magazine	} Value \$2.00 for Only 75c.
American Boy	
Green's Fruit Grower	

## No. 3—A Great Family Club.

Woman's Home Companion	} Value \$2.50 for Only \$1.25
American Boy	
Vick's Family Magazine	

## No. 4—For the Lady of the House.

Woman's Home Companion	} Value \$1.50 For \$1.00
Vick's Family Magazine	

## No. 5—A Farmers' Combination.

Practical Farmer (Weekly)	} Value \$3.00 for Only \$1.25
Farm News	
Up-to-Date Farming and Gardening	
Green's Fruit Grower	
Vick's Family Magazine	

## VICK PUBLISHING COMPANY,

DANVILLE, N. Y. 62 State St. Rochester, N. Y.




**CROUP** Thousands of children needlessly die of Croup; thousands of little coughs run into Bronchitis, Laryngitis, Pneumonia and death, and every one of them would be saved if they wore one of our Throat Bands. Send us today age of child and we will send Band to fit FREE of all cost to you keep it 20 days; if you are satisfied then send us \$2.00, if not, return the Band. Egyptian Manufacturing Company, 212 Pearl Street, Grand Rapids, Michigan.



## Men Wanted


### \$20 A DAY



Is what one new man has just made. An other has sold and delivered 660 machines and has nearly 100 more sold for later delivery. This new style Sprayer has "Kant-Klog" nozzle and sells like hot cakes. We want some one to sell them in your locality at once. Write for circulars telling how to get

**ONE SPRAYER FREE.**  
**ROCHESTER SPRAY PUMP CO.,**  
 Dept. 29, East Ave. Rochester, N. Y.

## HORT STORIES



bring high prices. Thousands of good stories which might easily be made salable, make up the great mass of "rejected manuscripts." Our School of Journalism, in charge of successful authors, critics, corrects and revises, as well as teaches how to write. Write for booklet.

**NAT'L CORRESPONDENCE INSTITUTE**  
 6-49 2d Nat'l Bank Bldg. Washington, D. C.

## DIAMOND STUDDED CASE




**\$3.95**  
 Solid 18 K. Gold Laid Case, 3 Peru Diamonds & Rubies, Am. works, warranted for 25 years. Sent C.O.D. \$3.95 & exp. charges to examine. If it is not equal in appearance to \$50.00 watch, do not take it.

**SAFE JEWELRY CO., Dept. 14, CHICAGO.**

## CONSUMPTION FINALLY CURED

We have discovered the only true and positive cure for Consumption, Catarrh, Coughs, Croup, Colds, Influenza, LaGrippe, Etc., Etc. If doctors and medicines have failed, send for a FREE BOTTLE of Nature's Great Pine Tree Cure and be cured. Address: **THE PINE-LIFE CO., Dept. 12, Grand Rapids, Mich.**

## THE NEW CENTURY FENCE.



Cheapest, Strongest and Best Wire Fence ever invented. The cost is only the cost of wire to build. Send Postal for particulars.

**R. STRONG & CO., Shiremanstown, Pa.**


## FREE



Watches, Rings, Knives, Bracelets, and a large number of other valuable presents given away selling our standard medicines to cure Colds, Rheumatism, Dyspepsia, etc., which you can sell easily at 10 cents a package. No money wanted until goods are sold. Send your name and address and we will send you ten packages; when sold send us the \$3 received and we will send present you select from our catalogue we send with the goods.

**NO RISK—we trust you and take back unsold goods. THE SAJOUT MEDICINE CO., Dept. D, 187 Greenwich St., New York City.**

## EARN A GOLD WATCH



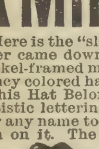
By selling 12 pieces of our handsome jewelry each set with an exquisite jewel. Send your address and we will send you the 12 pieces of jewelry postpaid. When sold send us the money & we will send you the handsome "Gold" watch, which has American lever escapement, expansion balance, quick train, highly finished movement. Guaranteed for 20 years. **SAFE CO., 23 Safe Bldg., Chicago**

## SONGS CONUNDRUMS JOKES

50 latest copyrighted songs—*"Goo-Goo Eyes," "Honeycuckles"* AND THE BEE, etc., 150 very latest jokes—would make a tombstone laugh—100 new conundrums. All the lot to introduce our goods, 10c, stamps or silver.

**UNIQUE SUPPLY CO., Dept. N, CLEVELAND, O.**

## A MIRROR IN YOUR HAT



Here is the "shickest" article that ever came down the pike. A neat nickel-framed mirror fastened to a fancy colored hat tip with the words "This Hat Belongs To" printed in artistic lettering and a space left for any name to be printed or written on it. The back of the tip is gummed with a special hatters' gum, so all you have to do is wet it and stick it in any hat. It is suitable for either ladies or gentlemen, and all the high-toned people have them now. This is a great success with "the boys," because you know **GIRLS ALWAYS LIKE TO LOOK IN THE MIRROR**, and if you have one that means you are the "real fellow" and the other boys are not in it. This is the latest novelty, so don't miss it—be first in town to get it. Sent to any address on receipt of **PRICE, 10c** (stamps or silver).

Ag'ts. wanted. Address: **THE IDEAL SPECIALTY CO., 1101 Pearl Street, Port Huron, Mich.**

## LADIES

Our Hygiene supports are just what you want. Will last a lifetime. Sent Postpaid for 50 cents.

**E. Hoskinson & Co., East Liverpool, Ohio.**

## COUNT WALDEMAR

By Stanley Littell

(Continued from February Number)

"Not if I can help it; but I mean hitting him, I can tell you. And if I were you, Mr. Clifford, I would keep out of the quarrel. You can do as you like, of course, and it is no business of mine; but I think it is only fair to warn you that all this will probably end by getting you into a mess with the police."

That was all I obtained from Mr. Everard, who now left the room. For one brief moment I did think of following his advice—of declaring that I washed my hands of these two young idiots and their broils, or, better still, of packing up my portmanteau and taking the afternoon train to Nice. But it was only for a moment. Upon further reflection, I felt that I could not leave poor Waldemar thus basely in the lurch; and so I sat down sadly, and began to use my poor powers of eloquence upon M. de Beaulieu. That gentleman heard me out very patiently, and then convinced me, by a few brief but pithy sentences, that nothing short of an abject written apology would satisfy the wounded honor of his principal. At the end of a quarter of an hour I had actually consented, on Count Waldemar's behalf, to a hostile meeting with pistols at daybreak. Some vague hints I did venture to throw out with reference to blank cartridges, and the possibility of satisfying wounded honor without risk to life or limb; but upon this M. de Beaulieu became so angry, and asked me with such an air of outraged dignity what I took him for, that I was compelled to retreat rather hastily from that position.


Thus it came to pass that, after a disturbed night, I found myself stealing out of the Hotel d'Orient about the hour of sunrise, accompanied by three other malefactors, whom, at that dismal moment, I most warmly commended in my heart to the devil.

It seemed monstrous that two young fellows in the prime of life should be setting out to kill one another on such

a lovely, peaceful morning. I can answer for it that one of the party would gladly have signed a cheque for a thousand pounds there and then, at the imminent risk of having it subsequently dishonored, if by that means he could have obliterated the events of the two preceding days.

But as that could not be, and as Providence did not think fit to intervene, we pursued our way without let or hindrance, and presently reached the entrance of a little dell, shut in on every side by rocks and trees, where we all instinct-

## A woman's discovery FREE



By many years of constant study and experiments, I have perfected a simple, harmless vegetable remedy that will quickly cure all female diseases, as well as the piles. It is nature's own remedy, and will not only relieve, but will absolutely, thoroughly and permanently cure the ailments peculiar to women, such as falling of the womb, leucorrhea (whites) displacements, ulceration, granulation, painful or scanty periods, irregular menstruation and all the pelvic ills of women. It positively cures rectal ulcers, piles, hemorrhoids, tumors, itching, blind or bleeding piles in either sex. It cures promptly, privately and permanently without the repugnant methods in general use by physicians. You can escape embarrassing examinations, avoid humiliating exposures, cheat the surgeon's knife out of baptism in your blood.

The treatment is so simple, mild and effectual that it will not interfere with your work or occupation. Thousands and thousands of letters are being received from grateful persons from all parts of the world, who had been cured by the use of this remedy. The first package is free, send for it, send today. I know that a fair trial of it will result in your becoming its enthusiastic advocate and friend. With it I will send literature of interest and value. Do not neglect this opportunity to get cured yourself and be in a position to advise ailing friends.

Consider well the above offer and act upon it at once. It is made in the sincere hope of aiding you and spreading the knowledge of a beneficent boon to sufferers. Earnestly, hopefully, faithfully. **MRS. CORA B. MILLER, 361 Comstock Bldg., Kokomo, Ind.**

## Subscribe For Artistic Home Ideas

A Monthly Magazine devoted to House Planning, Building and Decorating.



In every community are many persons getting ready to build or hoping to build in the future.

Artistic Home Ideas will help them all. Printed on heavy enameled paper, and contents each month not less than 10 designs for cottages and residences with plans, descriptions and careful estimates by some of the leading architects of the country in this line of work.

Interior treatment of rooms, mantles, nooks, grilles, etc. Designs for Churches, Schools and Business Blocks also given.

**\$1.00 Per Year in Advance. 10c Per Copy. Three Months 25c.**

Artistic Home Ideas and Vick's each one full year for \$1.00.

Home Ideas Publishing Company, Carthage, Illinois.

## 10 ROSES for 25 cts.

BEAUTIFUL EVERBLOOMING All strong growing and free flowering. MY "TRIUMPH" ROSE COLLECTION Contains only the choicest varieties, are grown on their own roots and will bloom freely this summer, either grown in pots or planted out in the garden.

**10 ROSES 25c ORDER NOW. DON'T WAIT.**

6 Hardy Iron Clad Roses, live out all winter, 25 cts.  
 8 Splendid Flowering Geraniums, double & single 25 "  
 8 Carnation Pinka, the Divine Flower, assorted, 25 "  
 10 Chrysanthemums, Prize-winning varieties, 25 "  
 8 Assorted Plants, for garden or pot culture, 25 "  
 8 Gorgeous Coleus, charming bedders, 25 "  
 6 Decorative & Foliage Plants, assorted, for house 25 "  
 4 Grand Orchid Flowering Canas, 25 "  
 5 Sweet-scented Dwarf Pearl Tuberoses, 25 "  
 10 Gladioli, the loveliest and prettiest of all, 25 "  
 12 Rainbow Fuchsias, giant flowered kinds, 25 "  
 8 Magnificent Palms, worth \$1 each next year 25 "  
 8 Beautiful Flowering Fuchsias, Ear Drops, 25 "  
 8 Splendid Flowering Begonias, assorted, 25 "  
 10 Mammoth Flowering Verbena, all colors, 25 "

Any 6 Sets for \$1.25 or the entire SPECIAL OFFER 16 Sets for \$3.00 postpaid. The Best Bargain ever offered. Send for free Catalogue. **MISS MARTHA HISER, Box 21, URBANA, OHIO.**

X Ray, 20th Century wonder See your fellow, best girl or any object through clothing, wood or stone. Price, 25c., post-paid. **X RAY CO., 28 W. 32d St., N. Y.**

## 100 VISITING CARDS 32c

Post Paid Satisfaction Sure. Order filled day rec'd  
 100 Tally Cards 80c. Business & Professional Cards. **Wright & Son, 959 Park Ave. Chicago.**

Home Work 60c. a sheet, copying. Send stamp. Wholesale Supply Co., South Bend, Ind.

## One Dollar in Cash for a Penny

of 1893. Send 15 cents for samples of our jewelry and particulars of the above offer. **NOVELTY MAILING CO., Cortland, N. Y.**

## NECKTIES BY MAIL. Something New.

**MERCERIZED SATEN FOULARDS.** Band-Bows, Shield-Bows, Batswing and Club Ties, all new patterns and latest styles—Samples 15 cts, 2 for 25 cts. **HAEL MFG. COMPANY, 725 E. 171st Street, New York.**

## Aluminum Satin Finished Card Case,

your name elegantly engraved on front; with 100 finest Bristol board business or visiting cards. postpaid **50 cts. Geo. J. Koch, Box V, 497, Peoria, Ill.**

## MAGNETIC

Cold-in-Head cure, also excellent for hay fever or catarrh; carried in pocket; is always handy, ever ready; reliable, 25c. Sample 15c. **H. HALL, 16 X, South Elliott Place, Brooklyn, N. Y.**

## 1427

Silk Fringe Cards, Love, Transparent, Esport & Acquis Cards, New Purses, New Games, Premium Articles, &c. Finest Sample Book of Visiting & Hidden Name Cards, Bricol Catalogue. Send 2c. stamp for all. **OHIO CARD CO., CADIZ, OHIO.**

## LADIES

send stamp for sheet of 50 other toilet and sanitary articles for ladies. Every woman needs them. **F. H. YOUNG & CO., Dept. V. M., Toledo, Ohio.**

## RUGS

Lambrequins, Table Covers, and Sofa pillow Tops. Regular sight sellers. Good agents are getting Rich and poor Agents are making big wages. Catalogue and Terms for Stamp. **Peoples Supply House, Thompsonville, Conn.**

## SONGS CONUNDRUMS JOKES

50 latest copyrighted songs—*"Goo-Goo Eyes," "Honeycuckles"* AND THE BEE, etc., 150 very latest jokes—would make a tombstone laugh—100 new conundrums. All the lot to introduce our goods, 10c, stamps or silver. **Buckeye News Co., Dept. R, Mt. Vernon, Ohio.**

## LEARN PROOFREADING.

If you possess a fair education, why not utilize it at a genteel and uncrowded profession paying \$15 to \$35 weekly? Situations always obtainable. We are the original instructors by mail. **HOME CORRESPONDENCE SCHOOL, Philadelphia**

## Down With the Oil Trust

Make your own light. A 10 cent package enough to make 3 gallons. Absolutely safe. No more trouble from poor light. Makes home cheerful. Send for package of Electric Light kerosene powder at once. A great improvement of the most inferior grades of kerosene. A large package, enough to keep the house light for three months, sent for 25 cents. **JOHN WADSWORTH MFG. CO., Auburn, N. Y.**

## ANEW INVENTION



Just on the market. A Key-Ring that is a whirlwind seller for hustling Agents first in the field. Full particulars, discounts and sample sent promptly for 10 cents. Our Catalogue for a stamp.

**THE DEAKYNE CO., CAMDEN - NEW JERSEY.**



## Rochester Automatic Wringer FREE!

The Only Wringer Built on the Scientific Principles as Developed in Other Automatic Machinery

A Child Can Wring a Washing Through from Handkerchiefs to Blankets Without any Trouble and Think it Play.

The Rochester will Save your Strength Time, Money and Clothes. Wring Every Garment Dry and Even Without any Change.

Don't Buy a Wringer Until You Have Tried This Scientific Invention. Fully Guaranteed and Protected by Patents.

This Wringer is far superior, and not like any other wringer made, and to prove its superiority, we will send you one freight prepaid on trial, without any advance payment. If you do not find it entirely satisfactory, return it at our expense. You do not run any risk or obligate yourself in any way.

Don't hesitate because you may have paid a good price for a composition roll wringer in these days of adulteration or because you think the wringer you now have could not be improved upon, but "Get the Best."



**FREE  
ON TRIAL.**

Freight prepaid

Our solid white rubber rolls in our metallic frame with automatic adjustment, makes up a wringer that will last a life time with proper usage, and will give you pleasure every wash day. There are no thumb screws to turn, as the automatic adjustment regulates the pressure for various size garments, wringing them dry and even and the wringer turns as easily when wringing a large as a small garment.

There is absolutely no rust, no oil, no odor, and no splitting, breaking or decaying of the frame. The only sanitary wringer made.

In making this liberal trial offer, it is hardly necessary to give any of the hundreds of unsolicited testimonials that we have received, but will here give one, and would be pleased to furnish more on application.

FORT LEYDEN, N. Y., FEB. 10th, 1902.  
ROCHESTER WRINGER CO.

You will find enclosed money order, in full payment for wringer, which I am well pleased with. One trial convinced us, that it is the best on the market. It has no equal.

Yours very respectfully,  
P. O. MARA.

I had experience with all kinds of wringers. I never found one so perfect in every detail. I am more than pleased with it. My little boy six years old, wrung through quite a large washing and thought it only play. I recommend your wringer very highly to anyone who wants a wringer.

Yours truly,  
MRS. SUSAN O'MARA.

Our best testimonial is the fact that we have never had one returned, or one dissatisfied customer, since we have been in business.

Don't buy a wringer until you have tried ours. Send for particulars. It costs you nothing to try our wringer, as we pay the freight both ways, and there is no advance payment to make.

ROCHESTER WRINGER CO.,  
5 Allen St. - - Rochester, N. Y.

**LADIES** My new Bust Developer beats anything ever invented. It will last a life time and can be used by a whole family. My catalog will be sent free and contains cuts of everything I have for sale. 8 nd for one.

Madame DeVere Specialty Company,  
612 Northwestern Building, Minneapolis, Minn.

**GRAND COLLECTION OF SONGS**  
I Whistle and Wait for Katie,  
Maggie's Secret, Old Zipp Coon,  
My Sweetheart and 152 other Popular Musical Gems  
all complete with WORDS and MUSIC.  
This great book, the Moslem Oracle, catalogs, etc.,  
all for 10 CENTS silver. (Wrap coin in paper.)  
Address, H. E. BAUMANN, Box 35, WASHINGTON, MO.

**NO SPAVINS**  
The worst possible spavin can be cured in 45 minutes. Ringbones, Curbs and Splints just as quick. Not painful and never has failed. Detailed information about this new method sent free to horse owners. Write today. Ask for pamphlet No. 708  
Fleming Bros., Chemists, Union Stock Yds., Chicago

tively came to a standstill. The light might have been better, M. de Beaulieu said, but one could not have everything, and it was a pretty place for the purpose—a very pretty place. This Frenchman's spirits appeared to rise with the approach of the combat, and he set about measuring the distance—only twenty paces, alas!—as briskly and cheerfully as if he had been making the requisite preparations for a cotillon. Everard and Count Waldemar stood a short space apart, each with his eyes fixed upon the ground, while I, with the pistol-case under my arm, seated myself upon the stump of a tree, shivering a little, and feeling as utterly miserable as I ever felt in my life.

At this supreme moment a distinct sound of approaching footsteps fell upon my ear. I wheeled round, and found myself face to face with—heavens and earth!—Mrs. Seymour and Miss Grey.

"Good morning, Mr. Clifford," said the former, without any demonstration of surprise. "Is it not a delicious morning for a walk? Is that Mr. Everard? And Herr von Ravensburg too! Dear me, what can you all be doing? And what have you got under your arm?"

"A—a botanical case—or rather, I should say, a paint-box. I mean, I really don't know; it doesn't belong to me, but to M. de Beaulieu. Here, catch hold of it," says I, thrusting the horrid thing into the hands of its owner, who had now joined the group, looking very blank.

[Concluded in April Issue.]

### Nerve-Force.

Ailing men and women, and those who know of suffering ones, will be interested in the advertisement of Mr. and Mrs. Corwin, of New York city, published in this issue of our Magazine. For twenty years Mrs. Corwin has worked upon the perfecting and promulgation of this home Remedy, NERVE-FORCE, the nucleus of which originated with her father, a graduate of the University of the City of New York; a Physician, Demonstrator and Author. The Remedy has won for Mr. and Mrs. Corwin many Gold Medals for lifesaving, and those who accept their kind offer of the free gift of their Publication will be led, in thought, away from the beaten track of stomach-drugging to an idea exactly opposite as NERVE-FORCE does its work by re-establishing the Circulation of blood to paralytic outward application. This Publication is most interesting as reading-matter and wonderfully instructive as well.

**FREE!** One Year's Subscription to any Magazine or Newspaper published Send 10c. to help pay postage and receive direct from publishers over 100 different Sample copies to select from.

TOLEDO ADV. & SUB. BUREAU.  
11 Swan St. - - Toledo, Ohio.

**YOUR NAME** address and the names and addresses of 3 farmers will bring to you FREE the most useful household article invented. Send 7 two-cent stamps to defray expenses of mailing.  
W. E. Yarbrough & Co., Box 3, Quincy, Ill.

**MIRROR MEDALLION**—The most beautiful ever offered. Shows on indestructible ivory a lovely hand-colored portrait of a girl FROM LIFE. Reverse side is a fine mirror, just the thing for vest pocket. A rare treat for the NAKED eye. Price, 15c. Herrick Specialty Co., 449 E. Fifth St., Cincinnati, O.

**YOUR FORTUNE**  
Send birth, date and sex with 10c. for sketch of your life. By the Great Hindoo Astrologer. He tells all. Delays are dangerous. Send at once. "Raja Zaha" Astrologer, Dept. A. Detroit, Michigan.

Don't Send \$5.00 to a "professor" for a twenty-five cent book on **HYPNOTISM**. Send us 24 cents and get the book, **HYPNOTISM UP-TO-DATE**, containing 161 pages, by return mail. Address, National Supply Co., Ludington, Michigan.

**FILL YOUR LAMPS**  
Quickly and Without Dirt  
By using the Climax Furner Rest. No more spilling of oil. Every housekeeper should have one. Fits any lamp. Sample and circulars 10 cents. Agents wanted.  
Triune Specialty Co., 465 Pine St., Providence,

## The "1900" Ball-Bearing FAMILY WASHER FREE

AN UNUSUAL OPPORTUNITY FOR ALL HOUSEKEEPERS TO TEST THE GREATEST HOME LABOR SAVING APPLIANCE EVER INVENTED, WITHOUT ANY EXPENSE WHATEVER.

The "1900" Ball-Bearing Washer Saves Time, Labor and Expense of Washing Clothes.

NO MORE STOOPING, RUBBING OR WEARING OUT OF CLOTHES.

Every Household Needs One.

In order to prove to the most skeptical that the "1900" Ball-Bearing Family Washer is unquestionably the greatest home labor-saving machine ever invented, we will

**SEND YOU ONE ABSOLUTELY FREE**

without deposit or advance payment of any kind, freight paid, on 30 DAY'S TRIAL. If you like it, you can pay for it either in cash or on the installment plan at the end of the 30 days' trial. If you don't like it, all you have to do is to ship it back to us at our expense. You run no risk, no expense, no obligations whatever.

The "1900" Ball-Bearing Washer is unquestionably the greatest labor-saving machine ever invented for family use. Entirely new principle. It is simplicity itself. There are no wheels, paddles, rockers, cranks or complicated machinery. It revolves on bicycle ball-bearings, making it by far the easiest running washer on the market. No strength required, a child can operate it.

No more stooping, rubbing, boiling of clothes. Hot water and soap all that is needed. It will wash large quantities of clothes (no matter how soiled) perfectly clean in 6 minutes. Impossible to injure the most delicate fabrics. Saving in wear and tear of clothes, to say nothing of the saving in soap and materials, pays for machine in a short time. Don't be prejudiced. This is entirely different from and far superior to any other washing machine ever made.



BROTHERHOOD  
—OF—

LOCOMOTIVE  
ENGINEERS.

HUDSON DIVISION No. 135.

Spent E. S. Martell Rockland Co. also Jock  
F. C. C. Jersey City, N. J. Oct. 27 1901

SPARKILL, Rockland Co., N. Y., Oct. 29, 1901.

"1900" WASHER COMPANY.  
I have given your washer a fair trial and found it all right as recommended. It is one of the best washers I ever saw. It washed three pairs of my dirty and greasy overalls and shirts in ten minutes and washed them clean. My housekeeper says it would have taken her two hours to have washed them the old way. It will wash ten shirts, with collars and cuffs, in seven minutes. It will wash three washes without changing the water, only adding soap-suds and about two quarts of hot water after the first wash.

Enclosed you will find check in full payment of the washer. Please acknowledge receipt of the same and oblige,

Respectfully yours,  
EDWARD KENT.

P. S.—I have been a delegate and attend twenty-six conventions held in different parts of the country, and my name is known on nearly every railroad in the United States and Canada. I am an engineer of the New York Division of the Erie road and have run an engine for forty years.

Costs nothing to try. Sent to anyone absolutely FREE for trial of 30 days. We pay freight both ways. No money required in advance. Send for book and particulars to

THE "1900" WASHER CO., 156 T. State St., Binghamton. N. Y.

**\$250.00 CASH REWARD**



There are ten letters, represented by ten dashes, omitted from the above words, and when the proper letters are supplied the completed words will describe the Picture and form a correct solution of the Riddle.

CAN you rightly guess what words are represented in the above picture? If you can you may win a CASH REWARD. This is a new puzzle, and if you are smart you can, with study, give a correct answer and win some Cash. We do not want one cent of money when you answer this Study. You have absolutely nothing to pay for a guess, so the cash you receive will be clear gain. Only one answer is allowed you, so Try and Win. This is a free contest and contains no element of chance and we positively guarantee to pay all patrons Cash for every correct solution. If your answer is correct you will hear from us promptly. Address, Home Remedy Co., 85 Temple Building, Montreal, Canada.

## Your Fortune Told Free

Professor Edison, "The Wizard of the Stars," will tell you just what your life contains, what your success will be, whether you will be happy and how to make your life a real success. The inmost details of your life's secrets are given by this truly great astrologer.

BY SPECIAL ARRANGEMENT, Professor Edison will give every reader of this paper a reading of their life ABSOLUTELY FREE, in order to awaken interest in this wonderful mysterious science. Do not fail to write today, stating sex and date of birth, with 2-cent stamp for postage, and this free horoscope will be sent by return mail. Address, PROFESSOR EDISON, Dept. V. M., BINGHAMTON, N. Y.

**LADIES BE UP-TO-DATE**  
and use the 20th Century Female Syringe, Safest, Simplest, and Best. Every lady delighted. Send stamp quick for descriptive booklet.  
C. CLAYTON MFG. CO., Malden, Mass.

**10,000 Names Wanted**  
at once, will pay \$1.00 each for them. Send 10c. for particulars and blanks.  
L. S. Clark, Box 776, - - Peoria, Illinois.



Rain and sweat have no effect on harness treated with Eureka Harness Oil. It resists the damp, keeps the leather soft and pliable. Stitches do not break. No rough surface to chafe and cut. The harness not only keeps looking like new, but wears twice as long by the use of Eureka Harness Oil.

**EUREKA HARNESS OIL**



Sold everywhere in cans—all sizes. Made by Standard Oil Company

**BOOK-KEEPING**

Complete business course, single and double entry Book-keeping, Business Practice, Business Arithmetic, Commercial law, Letter Writing, Penmanship, etc.

**TAUGHT BY MAIL**

Graduates receive degrees of B. Acct. and M. Acct. and are assisted to positions. Fees cash or instalments. Write for announcement.

**NATIONAL CORRESPONDENCE INSTITUTE (Inc.)** 6-45 Second National Bank Building, Washington, D. C.

**SEND NO MONEY**

For our magnificent engraved double hunting case watch of Gold alloy with extra 14 karat gold plate, equal in appearance to any \$5 dollar watch. Movement is the best make, fully jeweled, duplex escapement, quick train, pinion, accurately regulated and adjusted with **20 YEAR GUARANTEE**. Railroad men all over the country buy this watch on account of its durability and timekeeping qualities. Our factory price is \$42.00 per doz.; for the next 160 days we will send you one sample for free inspection. If fully satisfied pay \$3.50 and express charges, otherwise not one cent. State nearest express office, and if Ladies' or Gents' watch. **FREE** a handsome Chain and Charm worth \$1 with every Watch. Catalogue free. Excelsior Watch Co., 405 Central Bank Bldg., Chicago.



**Graham's All-Curing Antiseptic Soap...**

Is cleansing, purifying, beautifying and keeps the skin young, fresh and free from wrinkles, pimples, blotches and blemishes. Being strictly antiseptic and possessing other valuable medical qualities, it is at once a most powerful, yet harmless, curative agent and the best known preventive for all affections of the skin and scalp.

The curative excellence of this soap is so generally recognized that it is now used largely in hospitals and in other places where absolute antiseptic cleanliness must be observed.

Used as a pomade after bathing the face, it has marvelous powers of softening and brightening the skin, and for skin diseases it is incomparable.


**THE P. GRAHAM CO.**  
1263 MICHIGAN AVE., CHICAGO

The Soap will be sent by mail for 25c per box, or 5 boxes for \$1.00.

We want agents and canvassers to handle this Soap and four other articles of merit which we manufacture. Send for Folder "B" and special prices to agents

LADIES:—It will profit you to send for our folder "A." It's free.

**Our Poultry Page.**



J.W. BURGESS.

Don't over feed. If you feed corn, heat it first. Charcoal is splendid for fowls. Don't forget the cut clover hay. Be sure about the drinking water. Have you separated your breeding pen yet?

Corn on the ear helps keep them busy between meals.

Pour cold water on frozen combs, to draw the frost out.

No single grain compares with wheat as poultry food.

Mix brains with your chicken feed if you want the best results.

Comfortable quarters is the first essential to success in poultry.

Don't throw away a thing until you have given the hens a chance at it.

Change the feed frequently, for there's nothing like it to set the hens laying.

Spend all the money you want to in rigging up a good warm house, for it is well spent.

It doesn't take many dozens of eggs at thirty cents, to pay for keeping your entire flock all winter.

Don't crowd the fowls, especially at night. They should have plenty of room on the perches.

It is not so much the breed, as the feed and attention given them that makes a flock profitable.

Food, up to a certain point is a necessity; but beyond that point it is wasted, and you are wasting money.

Get a thoroughbred cockerel of your favorite breed, you will thus improve your stock fifty per cent another year.

This is one of the years when broody hens will be scarce, and the incubator man will have the best of it.

How easy it is to lay down a formula for getting eggs in winter, and how difficult to make it produce eggs.

There never was a greater demand for fancy fowls than at present. It costs no more to raise good stock than poor.

**FREE**

Guaranteed watch given free to anyone who will sell 2 doz. of our beautiful Scarf Pins at 10c. each and when sold return to us the \$2.40.

Address

**The New Climax Mfg. Co.**  
New Milford  
Dept. 3, Conn.



Along with the horseless carriages, wireless telegraphy, etc., it has been, generally speaking, a case of eggless hens this winter.

It costs no more to keep thoroughbreds than scrubs, and you'll take much better care of them, and naturally they will pay better.

**HEALTH FOR MOTHER AND CHILD.**  
No woman need longer dread the ills incident to motherhood; nor remain childless. Dr. J. H. Dye, 37 Lewis Block, Buffalo, N. Y., has devoted his life to curing the diseases of women. Write to him and he will inform you how to make childbirth safe, short and easy; the mother and child strong and healthy; also how to cure sterility.

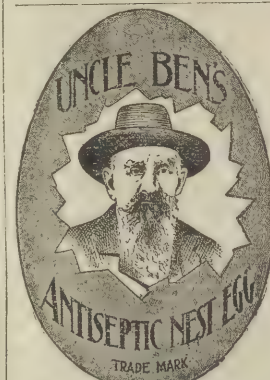
**CONSUMPTION CURED.**  
An old physician, retired from practice, had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma and all Throat and Lung Affections; also a positive and radical cure for Nervous Debility and all Nervous Complaints. Having tested its wonderful curative powers in thousands of cases, and desiring to relieve human suffering, I will send free of charge to all who wish it, this recipe, in German, French or English, with full directions for preparing and using. Sent by mail, by addressing with stamp, naming this paper, W. A. NOYES, 817 Power's Block, Rochester, New York.

Those interested in hatching chicks with incubators should send to the Ohio Incubator and Brooder Co., Columbus, O., for their circular telling all about their moisture gauge.

**YOU CAN** homestead 160 acres farming or timberland in Michigan, Wisconsin, Minnesota, Dakota, Nebraska, California, Colorado, Missouri, Oregon, Arkansas, Arizona, and other states. Send \$1 for copy of law regarding these lands all information how to locate. R. Hintemister, Land Bureau, St. Charles, Mich.

**100 CARDS** 35 CTS. Printed just like Copper Plate Engraving, for Ladies or Gentlemen. Mailed same day order received. Send silver or stamps. **DAVIS & STEELE, ROCHESTER, N.Y.**

**15 EGGS \$1** from Pure Bred Wh. Wyandots, Br. and Wh. Rocks, Brown and Wh. Leghorns Wh. Holland. Turkey Eggs \$1.50 for 9. Stock for sale. Address, **OAKLAND FARM, Bethesda, Ohio.**



## Antiseptic Nest Eggs

are not only Nest Eggs but destroy and prevent lice on hens where an Egg is placed in each nest where hens are laying. Easy to use. Sure to give satisfaction. Packed in boxes especially for home and farm use, and sent prepaid to any address on receipt of price.

\$1.00 per dozen, 60 cts. one-half dozen. Sample by mail 10c. Address all orders to

**ANTISEPTIC NEST EGG CO., Muscatine, Ia.**

—OR—

**C. S. CONKLING, Newburgh, N. Y., Eastern Distributor.**

## BURT'S DAHLIAS

received the only

**GOLD MEDAL**

awarded for Dahlias at Pan American Exposition. Superb Cactus Show, Fancy Pompon Decorative and single Dahlias in large variety. 20 named kinds (my selection) for \$1. Lists, information, advice free.

**H. F. BURT, Taunton, Mass.**



**VALUABLE POULTRY BOOK FREE.**  
Containing nearly 50 pages of practical information on all phases of the poultry industry by the most able writers of the country. Also a 50c. collection of vegetable and flower seed; a 50c. cash certificate; a calendar for 1902; a package of Poultry Tonic; Formula for Lice Killer; and our catalogue of bargains, telling you how to secure a setting of eggs free and win \$50 cash prizes. Send names of 5 farmers and 20c. to help pay postage, to **I. E. BEVER, Box U-100 Keithsburg, Ill.**

**POULTRY SUCCESS**  
Des Moines, Iowa. **40 PAGE POULTRY PAPER.** Handsomest and best. Subscription price 50c per year, sent on trial 6 months or 15c. Classified Ads 2c a word. Circulation 18,000. F.C. Bailey, Reading, Mich., invested \$1.00 in small ad, and got back \$95.00 in cash sales. Why not you? Send for free sample copy and get acquainted.

**DON'T SET HENS** the same old way when our new plan beats it 10 times. 100 Egg Hatcher Costs Only \$2. Over 94,000 in use. 100,000 res'ts. 5,000 agents wanted for 1902, either sex. Pleasant work. Big profits. Catalog and 10c Egg Formula FREE if you write today. **Natural Hen Incubator Co., P. O. Box 78, Columbus, Neb.**

**\$5** Brooder 125 chick size. Complete in every detail. Automatic Ventilation. Fresh air is warmed before entering Brooder Chamber. Fire proof and guaranteed. Impossible for chicks to crowd. Sole Agents for Ventilator and Moisture Gauge for Incubators. Latest and most complete invention and a great success. Manufacturers of Incubators and Poultry Supplies. Send for catalog. **Ohio Incubator and Brooder Co., Columbus, Ohio.**

**WILSON'S**  
**New Green Bone, Shell and Vegetable Cutter for the Poultryman.**  
Also Bone Mills for making phosphate and fertilizer at small cost for the farmer, from 1 to 40 horsepower. Farm Feed Mills grind fine, fast and easy. Send for circulars. **WILSON BROS., Sole Mfrs., Easton, Pa.**

**TWO GIRLS** hatch 1662 chicks. One man 1228. Another 2,000. New system again beats incubators. Facts Free. **F. GRUNDY, Morrisonville, Ill.**

**RARE STAMPS WANTED**  
We buy RARE stamps and collections for CASH. Pamphlet "About Stamps" sent FREE. Stock of over 20,000 different stamps offered for the selection of collectors. Business established in 1877. 200 different foreign stamps 15c; 1000 mixed foreign 15c; Popular stamp album, board covers 25c; 25 attractive stamps, animals and birds \$1.00; 1000, all different, \$3.75. **PRICE LIST FREE.**

**MEKEEL STAMP CO. (Dept. V. M.) ST. LOUIS, MO.**

**GINSENG ARE GOLD MINES.** City or country, a new, complete book 10 ARDENS cents. Circular for stamp. **F. J. Pilling, M. D., 860 N. Clark St., Chicago, Ill.**

**MANICURE SET BY MAIL 25c.**  
4 in. chamois covered ebonyized buffer, nail polish, cuticle cream, orange wood stick, full directions. **H. H. Robinson & Co., Lowell, Mass.**



**GET THE GENUINE**  
**PUNCTUREPROOF**  
**DOUBLE TUBE**  
 PNEUMATIC BICYCLE TIRES + BRANDED WITH AN  
 ALLIGATOR CUT IN RED  
**AND SAVE TROUBLE**  
 IMPERVIOUS TO NAILS TACKS AND GLASS  
 GUARANTEED  
 REGULAR PRICE \$1.00  
**NOW ONLY 50c**  
 WILL SEND CO. ANY WHERE SUBJECT TO EXAMINATION. ORDER AT ONCE BEFORE THIS OFFER IS WITHDRAWN. GIVE SIZE WANTED AND DIAMETER OF RIM. WE PAY EXPRESS ON CASH ORDERS ONLY.  
**Tim Company** CHICAGO, ILL.  
 100 N. CLARK ST. AND FIFTH AVE.  
 Mention Vick's Family Magazine.

### LADY AGENTS WANTED

for the famous **H. & C. Corsets**. Rapid sellers. Liberal inducements. Exclusive territory.  
 This is the only Corset made that has the Everlasting **SPRING STEELS**, giving the Corset everlasting life. Never break. \$20.00 Reward for one broken. Sample Corset Free to Agents.  
**M. G. DARLING, 68 1/2 N. Clark St., CHICAGO.**

**Coon - Coon - Coon,**  
**IT'S JUST BECAUSE**  
**LOVE YOU SO.**  
 The Honey Suckle and the Bee, The One I Loved on South Carolina Shore, He's Answered the Roll-call Above, In His Steps, My Hannah Lady, Original Songs, Coon and Love Songs and **LATEST HITS**, also Dora Dooley and My Oriental Queen with **WORDS AND MUSIC** and many others. 42 Pictures of Famous Actresses and our new Marriage Guide and secret of fascination, all for only 10 cents.  
**Wm. Burke, Sykesville, Md.**

**\$1200 YEARLY** Success awaits you. Will you grasp this opportunity? Successful Money Making Enterprises. Tell all. Particulars for stamp. No postals answered.  
**CHAS. J. T. SCHALL, St. Louis, Mo.**

**ONE DOLLAR** in cash will enable you to start a practical money-making business at home; good for \$15 weekly; failure impossible. Send \$1.00 today. **THE "1903" AGENCY & SUPPLY CO., "Spring" St. Louis, Mo.**

**FUNNY.** Tell your friends' ages; best thing out. Sealed 10c. **LOVE NOV. CO., Lysander, O.**  
 53 legitimate plans for earning money easily, **BEST BOOK** Price, \$1.00 postpaid. 4 page circular free. **INLAND PRINTING CO., Battle Creek, Michigan.**

**AGENTS WANTED** Both sexes, to sell The Gem Nail Clipper. A practical Manicure. Samples 25c. Send for catalogue of numerous other household novelties. **W. H. KENYON, Ansonia, Conn.**

**IT KEEPS** us busy filling orders for our "Write Easy" Glass Pen. They sell for a nickel each. 35 cents a dozen. **H. L. PLYMOUTH SUPPLY CO., Seney Iowa.**

**HAVE YOU DYSPEPSIA?**  
 If so, write us. We can send you a positive cure. No medicine to swallow. Send no money.  
**E. & A. MEDICAL INSTITUTE, Dept. 3, Phila., Pa.**

**FREE** IF SICK OR AILING send for my FREE book on **MEDICULTURE**, the grandest success of the age for the cure of all chronic diseases. If you will give name, exact age, sex and a few leading symptoms, 4c postage, I will tell you just what really ails you, and outline a course of treatment that will cure you.  
**DR. J. C. BATDORF, Dept. 2 F, Grand Rapids, Mich.**

**DON'T** Suffer with Rheumatism, Dyspepsia, Nervousness, Heart, Kidney, or Liver trouble. Send stamp for 100 N. D. Pills (by mail) **FREE.** A Guaranteed Cure. **L. WEST, D. Avon, N. Y.**

To introduce our catalogue we will send you this **solid gold** finished wire Brooch for 12c. [regular price 25c.] and engrave your initial on Bangle **FREE.** Size of Bangle same as \$2 1/2 gold piece. We Retail Watches and Jewelry at wholesale prices.  
**B. MONARCH JEWELRY CO., Beaver Dam, Wis.**

### 115 USEFUL ARTICLES FOR 10c.

Send for OUR **HANDY HOUSEWIFE**. Full size when opened is 13 1/2 inches long, 7 inches wide. The cover is handsomely lithographed in colors, and contains the following **HIGH GRADE ARTICLES**:

- |                          |                   |
|--------------------------|-------------------|
| 3 Papers Sharp's Needles | 1 Quilting Needle |
| 80 Pins, Best Quality    | 1 Shoe Needle     |
| 1 Steel Bodkin           | 1 Hat Pin         |
| 1 Darning                | 2 Shawl Pins      |
| 1 Carpet Needle          | 3 Toilet Pins     |
| 1 Basting Needle         | 8 Hair Pins       |
| 1 Button Needle          | 12 Hooks and Eyes |

The above articles if purchased at retail would cost not less than 25c, but by purchasing in immense quantities we are able to place this combination on the market for the small sum of 10c. mail paid. Remit by stamps or coin to

**Dept. B, The Durstone Supply Co., Syracuse, N. Y.**

### Poultry Page. (Continued)

When a good quantity of ground bone, or chopped meat is fed, no other food is necessary until the next feeding time.

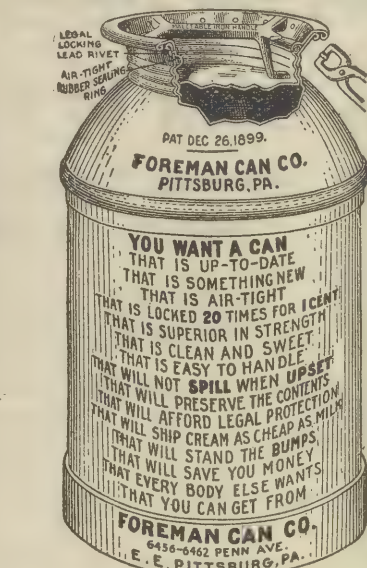
Do you keep a box of sifted coal ashes where it will keep dry, and the hens can dust themselves when they feel like it?

Some folks call it luck when a man gets eggs in winter, but a better name, as a general thing, is common sense, and industry.

Chop up beets and carrots and turnips fine enough for the fowls to swallow. They will get away with a lot of it every day.

Are you compelling the hens to eat snowballs, and icicles to quench their thirst, or are you providing warm water a couple of times a day?

(Continued on page 16)



**Sweet P's** Send 10c silver at once for Surprise Collection. 5 full-sized Pkts. 10c For 5 Full-sized Packets.  
 Flowering Sweet Peas, New Varieties. Separate colors, White, Pink, Red, Lavender, and Striped. 5 full-sized pkts. only 10c. silver or 62c. stamps. Or for 20c. silver we will add 5 more pkts., still different, including 'upids, and double varieties and 1 Giant pkt. choice annuals mixed, over 50 sorts, Free. This offer will not appear again. Send today for bargain lists in vegetable and Flower Seeds. Mention this paper.  
**Genesee Valley Seed Co., Dansville, N. Y.**

**For Would be Mothers** I have a secret—Stamp will bring particulars.  
**Geo. C. Eddings & Son, 134 Cedar Av. Cleveland, O.**

**BIG Head Reduced.** Send ten cents silver for full-sized package of remedy originated and manufactured by a Graduate Pharmacist. Sold in drug stores 8 years.  
**"C. & T." Box 336, Morrisville, N. Y.**

**DON'T WORK** for others. Start a business of your own. We tell you how. Pays \$50 to \$150 monthly. Requires almost nothing to start. Particulars and plan for stamp. Address,  
**S. V. HARPER & CO., REID, WEST VIRGINIA.**

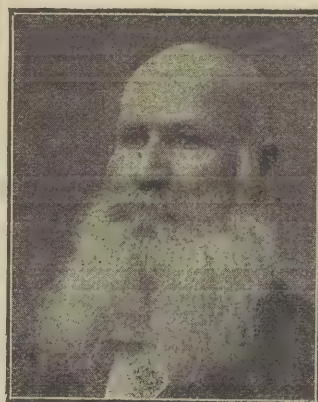
**MAKE YOUR OWN INCUBATOR.** 200 Egg size costs less than \$3.00. Don't pay \$15 to \$20 when you can make your own. Any bright boy can do it. Send us 25c. stamps and name and address of fifteen farmers and we will send you complete illustrated plans. Address,  
**Channon, Snow & Co., Quincy, Illinois.**

### THE LEFT HIND FOOT

of a rabbit, aluminum mounted (lucky charm), aluminum 'pocket envelope opener, paper cutter and rule, with our large, illustrated 1892 catalog, will be sent prepaid for 2 dimes. 250 Agents wanted for our line—fastest selling on market; write today; catalog alone, 2c. **D. D. WEARENE COMPANY, Lynn, Mass.**

**Heart Disease** following LaGrippe or Dropsy and Kidney Disease resulting therefrom cured by our medicine. Wonderful relief in desperate cases. Weak heart, of people with chronic Heart disease, strengthened and life prolonged. Full particulars Free. Address **The Neurotic Cure Co., Box 33, Rogers, Mich.**

**PILES** Absolutely Cured. Never to Return. New Method. Acts like magic. A boon to Sufferers. Remedy Mailed Free. **Lenene Drug Co., Dept. 30, Parsons, Kans.**



## The Keith Books

are the only High class publications extant, devoted exclusively to the **care of Body and Mind.**

**Diphtheria and Membranous Group.** Causes, prevention and radical cure. \$1.00.

**Scarlet Fever, Measles, Spasmodic Croup, Whooping Cough, with thirty-five formulas, \$1.00.**

**Childbirth and Child.** Large octavo, illustrated, new edition.

**Diseases of Childhood.** 478 pages; valuable formulas for the use of the home.

**Seven Studies for Young Men.** Illustrated; colored plates. Best book for young men in the English Language.

**Young Ladies' Counsellor.** A work of many mothers. Consumption; its causes and cures. 50c.

**The Menopause, or Change of Life, Appendicitis.** What causes it, prevention and cure. 25c.

**Forms of Fever, especially Typhoid.** 281 large octavo pages, illustrated, \$1.00. This gives you more knowledge about Fever than any other book ever published.

**What I Know about Human Teeth.** New edition preparing.

**The Royal Road to Hell.** from 1728 years B. C. up to date. Side Tracks, Switches and Ticketed Passengers. A personal History of the General Superintendent of the Road. Colored plates, illustrated. In manilla 50c; cloth bound \$1.00.

**The Marriage Bed. The Law and the Testimony.** 462 pages, Large Octavo, Copiously Illustrated, Colored Plates, Long Life, Sound Body, Perfect Health, Mentally well balanced children, with the exact Laws in relation to the Marital Compact between husband and wife. Elegantly bound. Price \$3.00. "Its Equal is not on Earth."

**Domestic Practice and Botanic Handbook.** 886 pages, 100 formulas, 100 illustrations, thirty-one colored plates. Many original drawings.

These Books contain more Knowledge than any other set of books on earth in relation to the care of Mind and Body and the Preservation of the Family. They save their cost in the household every month, besides keeping your Body Sound and your Mind Clear.

**KEITH, Publisher, Bellville, Ohio.**

## PERSONAL to SUBSCRIBERS

WE WILL SEND to every subscriber or reader of Vick's Magazine a full-sized **ONE DOLLAR** package of **VITE-ORE**, by mail, **POSTPAID**, sufficient for one month's treatment, to be paid for within one month's time after receipt, if the receiver can truthfully say that its use has done him or her more good than all the drugs and dopes of quacks or good doctors or patent medicines he or she has ever used. **READ** this over again carefully, and understand that we ask our pay only when it has done you good, and not before. We take all the risk; you have nothing to lose. If it does not benefit you, you pay us nothing. **Vite-Ore** is a natural, hard, adamantite rock-like substance—mineral—**ORE**—mined from the ground like gold and silver and requires about twenty years for oxidation. It contains free iron, free sulphur and magnesium, and one package will equal in medicinal strength and curative value 800 gallons of the most powerful, efficacious mineral water, drunk fresh at the springs. It is a geological discovery, to which there is nothing added or taken from. It is the marvel of the century for curing such diseases as Rheumatism, Bright's Disease, Blood Poisoning, Heart Trouble, Diphtheria, Catarrh and Throat Affections, Liver, Kidney and Bladder Ailments, Stomach and Female Disorders, LaGrippe, Malarial Fever, Nervous Prostration and General Debility, as thousands testify, and as no one, answering this, writing for a package, will deny after using. Give age, ill and sex.

This offer will challenge the attention and consideration, and afterward the gratitude of every living person who desires better health, or who suffers pains, ills and diseases which have defied the medical world and grown worse with age. We care not for your scepticism, but ask only your investigation, and at our expense, regardless of what ill you have, by sending to us for a package. You must not write on a postal card. In answer to this, address

**THEO. NOEL COMPANY, Dept. C. B., 527, 529, 531 W. North Ave., Chicago, Ill.**

### YOU'LL BE SORRY

if you don't send \$1.00 to-night for 100 7 lb. Pkt. Heads; 100 6 1/4 white envelopes; 100 White Bristol Visiting Cards, printed and delivered. Superior quality. Sample and price list free. All kind of printing.  
**E. H. FARRAR, Printer, Orwell, Pa.**

**LADIES** copy letters at home. \$4 to \$6 per week. Send stamped envelope for application.  
**MONARCH SUPPLY CO., 60 Wabash Ave., Chicago.**

**FREE** Unique Buffalo Stick Pin or Watch Charm with our illustrated Bargain Catalog, all for 2c.  
**Vedridge Mailing Co., 693 E. Ellicott St., Buffalo, N. Y.**

**PILES** Sample treatment of Red Cross Pile and Fistula Cure and book explaining each variety of piles, sent free, **REA Co., Dept. VI, Minneapolis, Minn.**

**\$8 Cash** per 100 paid for certain used stamps. Send 10c. silver for book of prices paid to The Deane Co., 273 E. Arnold Street, New Bedford, Mass. Don't send us stamps, get the book first.

### WILL ALLOW 25 PER CENT

on all orders for Dress Pleatings until April 1st and 10 per cent on all Machines. I sell the best Pleating and Pinking machine in the world and cheapest. Don't fail to send for Catalogue  
**J. A. CONLY, 28 SHERMAN ST. CHICAGO.**

### WANT PERFUME FOR EASTER?

The very best and purest Carnation, Lilac, Violet, La France Rose, Lavender 1 oz. 25c; 2 oz. 45c; 3 oz. 60c; 6 (six) oz. only \$1.00. Write at once for folder "A."  
**P. GRAHAM COMPANY**  
 1263 Michigan Ave., Chicago, Ill.

### PECAN TREES

Hardy as the Oak Natives of Central Illinois and have withstood 40 degrees below zero without injury. As good in quality as best Texas Pecans. One year trees \$1. for 6; \$1.50 for dozen by mail post-paid. Circular free. Sample of nuts 5c. Address, **J. C. VAIL, Nut and Forest Tree Specialist, Maples Mills, Ill.**

**HYPNOTISM** Taught by mail. Learn this mysterious and fascinating science. Complete set of lessons, 10 cents.  
**ARMSTRONG, HALL & CO., Mankato, Minn.**

### HOW ABOUT YOUR INCOME?

Most good men who love their families live close up to their income in providing for their comfort. What provision have you made for your loved ones in case you should be taken away and your income cease? Think it over and then write us for a plan that will make safe provision at a comparatively trifling cost. **The American Temperance Life, Dept. N., 253 Broadway, New York, N. Y.**

### MUSTACHE GROWER.

Doesn't your mustache grow? It will if you use this new wonderful fragrant mustache grower sent by mail for 25c. Stamps taken. Address **Columbia Chem. Co., 760 Pine St., Camden, N. J.**

**FREE** Solid Aluminum Card engraved on and facsimile engraved cards all sent free to induce you to represent us. Send six 2c. stamps to help pay postage, etc.  
**R. V. Chapman Mfg. Co., 218 N. 9th St., Phila.**

### Combination Prairie Whistle.

You can imitate any bird or animal. Astonish your friends by making them believe you are a Ventriiloquist. The instrument is concealed in the roof of the mouth and detection is impossible. If ladies are near imitate a mouse and see them grab their skirts and climb a chair. Boys, if you like fun, get one. Price 10 cents with full directions and our big bargain catalog **FREE.** Address,  
**GEM NOVELTY CO., - - - - - Athena, N. J.**

### THE URINE IS MY GUIDE

If you will send me a sample of your morning urine for chemical analysis, I will tell you by letter, the **NAME, LOCATION and EXTENT** of your **DISEASE** and whether **CURABLE, or INCURABLE**, free of charge. Distance is no barrier to success when science takes the place of guessing. Send five cents for mailing case for urine. My lecture on **THE WATER DOCTOR** sent free.  
**J. F. SHAFER, M. D., 403 Penn Ave., Pittsburg, Pa.**



### A Whole Winter's Amusement for 10 cents

**Chess & Checker Board** with men, set of **Dominoes**, **Game of Authors**, **Fox & Geese Board**, **Mystic Age Tale**, **Yard of Letters**, **Nine Men Morris Game**, **Spanish Prison Game**, **12 Chemical Experiments**, **15 Magical Mind Reading & Slight of Hand Tricks**, **Puzzles**, **Jokes**, **Conundrums**, &c. **ALL** for the ridiculous price of 10c.

**Frank Beckman, 658 Asylum St., Flint, Mich.**





# 56 PIECES FREE!

**BREAKFAST SETS,  
DINNER SETS, - -  
TEA SETS, - - -**



Watch Warranted for 20 Yrs.

We give you a **56 PIECE BREAKFAST, DINNER, or TEA-SET**—full size for family use—**FREE OF COST**. Here is your opportunity. Do not miss it. This means exactly what it says. We give the Sets away **ABSOLUTELY FREE**. There is no fraud or humbug in this announcement. There is no juggling of words, no misrepresentation, no deception, no misunderstanding, no manipulation of words or phrases intended to deceive or befuddle you. All is plain open, above board, and understandable. We will do what we say and give what we agree. When we state **WE GIVE A 56 PIECE SET**, we do not mean that we will send an OFFER or proposition, a plan used by others so often to entrap and deceive, but **WE GUARANTEE** to forward the real **genuine goods themselves**. Choice given of a Breakfast, Dinner, or Tea Set—each set consisting of 56 Pieces, beautifully decorated and artistically designed. In addition to the 56 Piece Sets, every person gets an elegant Watch warranted for 20 years, or 12 Silver Plated Tea Spoons, 6 Table Knives, 6 Table Forks, 6 Table Spoons, a pair of ladies' or gents' Kid Gloves, or a box of one dozen handsome Stockings. (Gloves and Stockings for ladies or gents—all sizes and colors.)



6 Knives, 6 Forks, 6 Table Spoons, &amp; 12 Tea Spoons

## REASONS FOR LIBERALITY.

for all blood diseases, nervous disorders, sluggish circulation, impaired vitality, rheumatism, female complaints, liver, kidney, and stomach troubles. We guarantee it to be the best remedy on earth for these diseases. We wish to introduce "BLOOD GLOBULES" in thousands of homes where it has never been used, and have set aside in giving away valuable and useful presents to those who are willing to help us.

### \$25,000 CASH TO BE SPENT

On request we will send you 7 boxes of Blood Globules, all charges paid, which are to be sold at 25 cents per box, remit the \$1.75 collected and we will present you with a 56 Piece Breakfast, Dinner, or Tea Set, and in addition we will immediately send you, all charges paid, a Watch, or 12 Silver Plated Tea Spoons, 6 Table Knives, 6 Table Forks, 6 Table Spoons, a box of one dozen Stockings (ladies' or gents'), or a pair of ladies' or gents' Kid Gloves.

Remember **YOU HAVE ONLY SEVEN BOXES OF BLOOD GLOBULES TO SELL—no more.**

Address: **BLOOD GLOBULE COMPANY, NEW YORK CITY, N. Y.**

## NO MONEY.

Remember you need not pay a Penny in advance. Only send your full name and post-office address with nearest Express and Freight Depot. We box, pack, and deliver the Sets **FREE OF ALL EXPENSE** to Express or Freight Depot and we further guarantee against breakage or damage in any form.

WRITE YOUR ORDER ON THIS FORM. CUT IT OUT AND SEND IT TO

**BLOOD GLOBULE CO., New York.**

**VICK'S FAMILY MAGAZINE.**

PLEASE SEND ME 7 BOXES OF BLOOD GLOBULES, WHICH I WILL SELL AT 25 CENTS A BOX, AND I AGREE TO REMIT THE \$1.75 WHEN SOLD. FORWARD ME THE PRESENTS SELECTED BELOW.

Name ..... Town ..... State .....

County ..... Street and No. ....

Express Office ..... Freight Office .....

Do you want a Breakfast, Dinner, or Tea Set? ..... What additional Premium do you want? .....

If you do not wish to cut this paper then make a copy of this coupon and send us your written order.

**AGENTS WANTED** to sell "Schley and Santiago," by Geo. E. Graham. Autograph introduction and personal account of the battle by Rear Admiral Schley. True Stories of Santiago told exactly as it occurred for the First Time by the only eye witnesses of the fight. No subject before the public interests everybody as this story of Admiral Schley. The American people demand full recognition of the Hero of Santiago. Book selling like wildfire. Price \$1.50 to \$2.75, according to binding. Liberal commissions. Outfit and books ready. Send 7 2-c. stamps for complete outfit. Act quick. Big money for you. **W. B. CONKEY CO., Sole Publishers, Chicago.**

**AGENTS**—\$20 per week easily made selling our combined collar buttons and necktie holders; wonderful sellers; new method; steady work. **REDINGTON, Binghamton, New York.**

**OUR WONDERFUL GOO GOO**, or Winking Eye is the latest novelty out, and sure to please. Send 10c. for sample and catalogue of other novelties. **Keystone Agency, Dauberville, Pa.**

**\$15 A WEEK AND EXPENSES** for men with rigs to introduce our Poultry Mixture, Straight salary. We mean this. Enclose stamp. **EUREKA MFG. CO., Dept. 19, East St. Louis, Ill.**

**HAND PAINTED** Splashers, center pieces, dollies, wash stand scarfs, etc. Splendid selling line of pretty goods. Agents wanted in every town. Write for our liberal offer. **W. G. KEITH, DECORATING CO., Canton, Ohio.**

**WANTED LADIES** and men for nice easy work. Big Pay. Full particulars for stamp. No canvassing. **V. Fredrick & Co., Toledo, Ohio.**

## Poultry Page.

(Continued from page 15.)

If your hens acquire the habit of egg eating you must resort to heroic measures at once, for they will never stop of their own accord. Clipping the tip end of the bill will usually stop it, as that makes the bill so tender they can't pick the shell. Another method is to prick a hole in each end of several eggs, and after blowing out the inside fill them with a mixture of mustard, pepper and other disagreeable hot things, and then scatter them about the floor. One or two doses of that sort will soon convince a hen that eggs are not fit to eat.

Compared with ordinary years, poultry is scarce at present, in many sections of the country. Last year the weather was wet and that continually, until mid-summer. That made havoc with all attempts at early hatches, and proved the death of hundreds of chicks that under favorable circumstances,

would have pulled through alive. All through the West the corn crop was badly crippled, and in many cases, a total failure, so that the farmers disposed of everything that would eat corn, which, in many cases, reduced the poultry as well as other stock. The natural result of all this must be to greatly reduce the available supply of poultry all through the country, while the demand is greater than ever. In view of this fact, it would seem that the proper thing to do would be to raise an additional number of chicks this spring, as under the most favorable circumstances, it will take more than one year to bring the poultry stock of the country up to the normal standard. Owing to the scarcity of eggs during the past winter, many people will be induced to try the experiment of raising their own supply. As they must have either fowls or eggs to start with, this will still further increase the demand.



To introduce our novelties we will send a **ROLLED GOLD BANGLE RING**, warranted **THREE YEARS**, with any initial engraved and premium **FREE**. Send size and ten cents for mailing, etc. Address, **FRANKLIN JEWELRY CO., 16 Allison St., CINCINNATI, O.**

**CRYSTALIZED** fruit and flowers, samples 20c. Baby hammocks (netted) 75c. Directions for hair switches, salt work, chemical oil painting, etching on glass, each 50c. Coloring kerosene (red), making lemon, orange, and vanilla extracts, all for 4 25c. Choice perfumes 25c. All postpaid. **SARAH GROSSMAN, Davenport, Nebraska.**

**AGENTS** Bonanza; twentieth century invention; a month's washing for 10 cents; cheaper than hiring a washerwoman; no more blue Mondays; the Phoenix Laundry Tablet saves time, money and labor; no more tired arms or backache; sample free. **Phoenix Mfg. Co., Dept. V, Newark, N. J.**

**WOMAN AGENTS** Send for our proposition. We have a staple article used in every family 200 per ct. profit. Full size (25 c.) package **Free**. **BERNARD & CO., Beverly, Mass.**

**1902 CARDS** Sample Styles Fold-to-light Silk Fringe and Gilding Escort Cards, NO TRASH. Genuine Cards, with Art's. Big outfit & finest Sample Book, ALL 2 CENTS. **BUCKETE CARD CO., Laceyville, Ohio.**

**Greenbacks** MAGNATED MONEY FROM THE U. S. TREASURY. Pack of about \$1,000 for 10c; \$3,000 for 20c. Get some and show your friends what a wad you carry. **MORGAN PUB. CO., No. 22 Station C, Chicago.**

**100** Fine Bristol cards with name and address in engravers script. Sent prepaid for 35 cents. Samples free. **THE EMPIRE CO., Mt. Vernon, N. Y.**



## GREAT CROPS OF STRAWBERRIES AND HOW TO GROW THEM



Is the title of a Book which has worked a revolution in strawberry growing, and **Caused two big Berries to grow where one Little one grew before.** The author has grown the **Largest Crops of Berries Ever Produced on an acre.** The book explains how **You can do the Same.** It will be sent to you **FREE** if you mention the paper in which you saw this Notice. The only scientifically developed **Thoroughbred Strawberry Plants** to be had for spring planting. One of them is worth a dozen common scrub plants.

R. M. KELLOGG, Three Rivers, Mich.

### Garden Notes.

#### Experiments With Sugar Beets.

(Written for Vick's Family Magazine.)

Quite extensive experiments have been made in our county in raising sugar beets. Seed was furnished several farmers, and a leaflet giving cultural directions given to each; those who raised them were required to make an exhibit at the County Fair in September, bringing a certain number of beets and also a peck of soil in which they grew.

Those raised on prairie loam with gravel underneath were largest and smoothest; not only that, but in the final test of quality they ranked high in amount of sugar and in purity. Those raised in a very rich soil were not so rich in sugar, as those grown on ordinary farm land, the best coming from good corn land which had been carefully prepared.

Five beets from each trial patch were sent to the State Experiment Station for testing, those of ordinary size being selected, preferably from one and one-half pounds to two pounds in weight, as those above that weight are not so rich in sugar according to their size as smaller ones, though the ordinary weight when full grown should be five or six pounds. The result of the analysis showed that of the twenty-one samples the per cent of sugar ranged from 8.7 to 15.7 and the purity from 68.7 to 86.4, the sample containing the most sugar also being the purest.

The samples referred to as the largest shown at the Fair, showed 14.6 per cent sugar and were 83.7 pure. The whole lot averaged fourteen per cent sugar which is two per cent above the factory requirement.

Among the rules given for growing the crop, it is stated that not less than six rows should be planted side by side on account of the fact that beets taken from outside rows or from rows far apart, are deficient in sugar; it was also recommended to have the rows from fourteen to eighteen inches apart. Good mellow loam should be selected and new land should never be used. It must first be cultivated two years and the manure applied the previous season; under no circumstances should it be put on the the land in spring before planting. If possible plow the land in the fall, then pulverize well in spring, harrow thoroughly and let it stand until the weeds begin to grow, then go over it several times again to destroy all the weeds.

Prepare the ground and seed the same day, so the moisture in the soil will not be lost; plant from May 1st to May 25th at the rate of fifteen pounds to the acre. Plant three-

(Continued on Page 18.)

#### For Only 25 Cents.

Just think what we give you in our special offer of Vick's Family Magazine a year for 25 cents. A full year's reading for every member of the family. Send your subscription and as many more as possible. It is an opportunity you do not often have.

**BURPEE'S** Largest Mail-Order Seed House in the World. In buying **BURPEE'S SEEDS** direct by mail you get your money's worth in the **Best Seeds that Grow**—and you have your choice of **Rare Novelties for 1902**, which cannot be had elsewhere. Write to-day (a postal card will do) for our complete Catalogue—**FREE** to all who intend to purchase seeds. **W. ATLEE BURPEE & CO., Philadelphia.**

## SALZER'S Superior FODDER PLANTS

### VICTORIA RAPE

About 10 miles ahead of Dwarf Essex Rape in business, in vigor and nourishing quality. It makes it possible to grow swine and sheep and cattle all over America at 1c. a lb. It is marvelously prolific. Salzer's catalog tells.

### Giant Incarnate Clover

Produces a luxuriant crop three feet tall within six weeks after seeding and lots and lots of pasturage all summer long besides. Will do well anywhere. Price dirt cheap.

### Grass, Clovers and Fodder Plants

Our catalogue is brimful of thoroughly tested farm seeds such as Thousand Headed Kale; Teosinte, producing 80 tons of green fodder per acre; Pea Oat; Speltz, with its 80 bushels of grain and 4 tons of hay per acre, Billion Dollar Grass, etc., etc.

### Salzer's Grass Mixtures

Yielding 6 tons of magnificent hay and an endless amount of pasturage on any farm in America.

### Bromus Inermis—6 tons of Hay per Acre

The great grass of the century, growing wherever soil is found. Our great catalogue, worth \$100 to any wide awake American gardener or farmer, is mailed to you with many farm seed samples, upon receipt of but 10 cents postage. Catalog alone 5 cents for postage.

**JOHN A. SALZER SEED COMPANY, La Crosse, Wis.**

## The Haseltine Moth Catcher

IS A SUCCESS.

Better and Cheaper than Spraying.

SURE DEATH TO TOBACCO MOTHS. PROTECTS ORCHARD, GARDEN AND FARM.

Kills the mother of the APPLE and PEAR WORM, the CODDLING MOTH, also the STINGING FLY or moth-like insect that stings the fruit, the TENT CATERPILLAR and the BORER FLY which make the worms that girdle the tree and kills the orchard. Also catches the PEACH and PLUM BEETLE, that makes the CURCULIO, the JUNE BUG, COLORADO BEETLE, POTATO BUG and other noxious insects.

### S.A. HASELTINE'S CATCHER

### MOTH CATCHER

### COLORADO BEETLE, POTATO BUG and other noxious insects.

**For Fruit Trees.**—John I. Lyons, Dorie, Ohio, says: "I have a plum and cherry orchard. I used the Haseltine Moth Catcher. My fruit was free from worms. My son has a cherry orchard 50 rods away; same variety. He used no Moth Catchers and his fruit was so wormy it was not worth picking."

**For Cabbage.**—"Mechanicsville, N. Y., Dec. 9, 1901. Mr. Haseltine, your Moth Catcher arrived so late in the season that I decided to test it in a patch of late cabbage that were just starting to head. I set your Moth Catcher in the center of the patch of about five hundred plants, and from the night of September 3rd for twelve nights, the last two nights the catch being so small that I concluded it did not require it any longer. The result was that I had no trouble from the worms. My cabbage grew to large and solid that I sold them at 8 cents per head; could have sold more at that price if I had them. At the same time my neighbors were having hard work to get 3 and 4 cents for their small, worm eaten cabbages. I shall in the future use your Moth Catcher in my cabbage patch, for it pays. Geo. M. Moore."

**For Tobacco.**—T. J. Griffin, of Waelder, Ky., says: "As to your Moth Catcher catching the Tobacco Fly (Moth), it is all right. In one night one large trap caught enough Tobacco Flies to cover the surface of the wash tub."

### 40,000 SOLD IN 1901.

No fruit grower, farmer or gardener can afford to be without it. This Moth Catcher destroys the Moth that injures the HONEY and BEES, so that anyone who desires can keep an APIARY with this trap. This trap kills the pests. No one raising FRUIT, APPLES, PEARS, PEACHES, PLUMS, etc., or TOMATOES, TOBACCO, SWEET CORN, CABBAGE, CUCUMBERS, PUMPKINS, SQUASHES, MELONS, COTTON and BEES, can afford to be without this great device to make perfect fruit, crops, etc. The price is put so low that all can use it. Torch and all ready to set on the tub. Will not rust, as coal oil is used on water.

Positively no poison to kill man or beast, which so often happens by spraying with expensive drugs.

**PRICES.** Regular Size 85c. each. Large size \$1.00 each. One free with each order for one dozen. 5 per cent. discount where 100 or more are bought. These prices do not include tubs to set them on. **Get One Free.** Show this ad to your neighbors and take their orders. We will give you one free for securing three orders at above prices. Agents wanted everywhere. Liberal terms.

**THE OWEN MANUFACTURING CO., 62 STATE ST., ROCHESTER, N. Y.**



## This 44 Pc. TEA SET FREE

To every lady who sells 10 cans of our Baking Powder, etc., (on our Plan No. 59) giving free to each purchaser a beautiful Glass Pitcher and six glasses, we give this 44-pc. handsomely decorated Tea Set, full size for table use, free. No money required in advance. Simply send your name & address & we will send you our plans, order blank, etc. We will allow you time to deliver the Baking Powder, & collect the money before paying us. You run no risk, as we pay the freight, & will trust you with the Baking Powder & Dishes, etc. We also give away 112 Piece Dinner Sets, Dress Skirts, Couches, Rocking Chairs, Furniture, etc., for selling our goods. Address **King Mfg. Co., 638 King Bldg., St. Louis, Mo.**

**43 Flowers only 30 cents**  
Worth \$1.25  
A Special Offer made to introduce our goods. Satisfaction guaranteed or money refunded.

**20 PKTS. SEEDS**  
1 Pkt. Rambler Roses, 3 col's mxd. 1 Pkt. Diamond Flower. Pansies, 10 colors mxd. California Sweet Peas. Washington Weeping Palm. Double Chinese Pink. Mary Semple Asters, 4 colors. Carnation Marguerite. Alyssum, Little Gem, mxd. Heliotrope mxd. Bouquet Chrysanthemum. Poppy—New Shirley. Forget-me-not Victoria. Umbrella Plant. California Golden Bells. Giant Verbena, mxd. Lovely Butterfly Flower. Japan Morning Glory. Phlox Drummondii. Petunia Hybrid mxd.

**23 BULBS**  
1 New Spotted Calla. 1 Beautiful Begonia. 1 Double Pearl Tuberosa. 2 Butterfly and 2 Hybrid Gladiolus. 8 Fine Mixed Oxalis. 2 Rainbow Lilies. 2 Scarlet Freesia. 2 Climbing Sweet Mignonette Vines. 2 Splendid New Canna Lilies—1 crimson, 1 golden.

**A Return Check Good for 25 Cts.**  
on first \$1.00 order; also our New Floral Guide, 186 pages. All of the above sent postpaid for only 80c. Write to-day.

If you sell two collections and send us 60 cts., with name and address of each purchaser, we will send you **Free**—another complete collection as your commission; also our **\$100 Cash Prize Offer.**

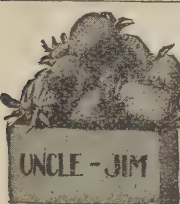
**THE CONARD & JONES CO.,**  
Rose and Flower Growers,  
Box 68, WEST GROVE, PA.

## CHOICE SEEDS

### The Rarest and Best!

My pretty catalogue free, or send 6 cts. and addresses of two who grow flowers, and receive also my "Surprise" Packet of twenty varieties of Favorite Annuals, mixed, (guaranteed 400 seeds) and valuable Prize Offers for flowers grown from it.

**MISS EMMA V. WHITE, Seedswoman,**  
818 Nicollet Avenue, Minneapolis, Minn.



### The FINEST OF ALL.

Our New Catalog tells all about it. Send for it. Senator Dunlap, Rough Rider and 75 other Strawberries. Bargains in New Varieties. SEED POTATOES.

**Flansburgh & Peirson**  
Leslie, Mich.



## 25,000 SEED AND PLANT ORDERS

I am giving away 25,000 presents some worth \$40.00 absolutely free with orders, and you can just as well have one. Entirely new plan just out; will please everybody. Seed Book and List of Presents to select from—FREE. F. B. MILLS, Seedsman, Box 25, Rose Hill, N. Y.

## VICK'S SEEDS

Don't let another season pass without planting VICK'S SEEDS. The highest quality seeds at the most reasonable prices. Vick's Seeds are the most profitable because the most productive.

### Vick's Farmer's Handbook

A book every progressive farmer should have. The best work of its kind ever published on Grain, Grass, Clover, Forage and Soil-Renovating Plants, and Root Crops. It tells all about the culture and care of crops, preparation of the soil, fertilizers, spraying for fungus diseases, insects, etc. The farmer's reliable reference book.

Price 25 cts., but we will send it for 10 cts. if you mention this paper, and we will also send with it a copy of

### Vick's Garden and Floral Guide

Full of information and advice on planting, and descriptions of the best Vegetable and Flower Seeds, Bulbs, Plants, Roses and Shrubs, and Small Fruits. 132 pages. Whether you grow for profit or pleasure it will help you. Free—send for it.

**JAMES VICK'S SONS**  
Box 1800,  
Rochester, N. Y.

## Shasta Daisy

Everybody admires the Latest Floral Wonder. White as the snow which forever caps Shasta's lofty peak. Reckless in its profusion of bloom. Hardy and happy everywhere. The people's flower. For circulars address,

**BURBANK'S EXPERIMENT FARM,**  
SANTA ROSA, - - CALIFORNIA  
or any Prominent Seedsman or Florist.

## EVERGREENS

Hardy sorts, Nursery grown, for wind-breaks, ornament and hedges. Prepaid, \$1 to \$10 per 100-50 Great Bargains to select from. Write at once for free Catalogue and Bargain Sheet. Local Agents wanted. D. Hill, Specialist, Dundee, Ill.

**SEEDS.** 14 Packages of 1901 Tested Seeds for 10c. Worth \$1.00. Offer made to introduce our seeds. Send at once and obtain one package each of Double Rose Balsam, Dwarf Rocket Larkspur, Golden Queen Mignonette, Tom Thumb Nasturtium, fine mixed Petunia, fine mixed Sweet Peas, Clarkia; Beet, Onion, Cabbage, Lettuce, Radish, Tomato and Turnip.  
**GRANITE STATE SEED CO., Dep. 4,**  
West Derry, N. H.



**The Lightning Compressed Air Sprayer.**  
Patented 1900. Holds four gallons. Pump in a little air with the pump which is attached to the reservoir. No more labor required. Will kill all kinds of insects. Will spray tall trees. Will spray two rows of potatoes at one time and as fast as the operator can walk. Big money for agents. **D. B. SMITH & CO., Utica, N. Y., U. S. A.**

## BERRY BASKETS



We sell our machine made, standard, quart Berry Baskets with staple in bottom, at \$2.40 per 1,000. Lower price in larger lots. Write for descriptive catalogue.

**WEBSTER**

**BASKET COMPANY**

Box 43 Webster, - - Monroe Co., New York.

**SEEDS** BUY SEEDS THAT WILL GROW  
5 pkts. FLOWER SEEDS: Giant Cyclamen, Giant Pansy, Giant Verbena, Double Dahlia and Poppy, 7c. 5 pkts. VEGETABLE SEEDS: 10c. PLANTS: 4 Rows, 25c. 4 Pansies, 25c. 6 Begonias, 25c. Catalogue and present free for names of seed buyers. **A. C. ANDERSON, COLUMBUS, NEB.**

## Experiments With Sugar Beets.

(Continued from Page 17.)

fourths of an inch deep, as deeper planting is often fatal to a good crop. The crop is cultivated by horse cultivation, several rows being done at once, the work being begun as soon as the rows of plants can be seen. This is not only to keep down the weeds, but to keep the soil mellow and conserve the moisture, and should be continued at intervals until the leaves meet between the rows.

When the plants have four leaves they should be thinned, leaving one plant for every eight or nine inches in the row. Trimming is done by cutting out with the hoe all the plants for seven or eight inches, then leaving a few plants, and so on; later all the weak plants are pulled out, leaving one strong one. The plants in the rows must be carefully hoed, as the cultivator only works between the rows; and with the exception of the final horse cultivation, all the work should be finished within eighty days of the time of planting.

The beets are ready to be gathered from October 1st to 15th in this section. The tops should be cut off just below the lower leaves, as the necks are never used, and it is best to leave such refuse on the land where they grew. Some authorities think it a great mistake to take them away, claiming that they give back to the soil some valuable properties in the form of salts, which they take in great quantity from the soil as they grow.

*Marian Meade.*

### Notes by the Way.

(Written for Vick's Family Magazine.)

This year the seventeen-year locusts are billed to appear, and unlike some visitors they are pretty sure not to disappoint (?) us. Much advice as to the desirability of setting out new fruit this spring is being aired. From diversified sources of information the majority agree that if you are prepared to set out new fruit do so, but stay the pruning knife on both new set and old-time fruit trees. Where the locusts "come up" in large numbers there is no doubt they will injure, often seriously, trees near the incubating land. They work on the new growth, hence the advice to defer the annual pruning.

The last locust year, many trees looked as though hurt by a heavy frost; some were killed outright, many badly injured. It would be a good idea where one puts out new trees, to cultivate among them quite often. In this way many locusts would be destroyed. Old timers say they will not sting blackberries, or trees that have thorns; is this a fact?

If one will allow a flock of ducks to run among the newly set fruit the locusts will do but little harm, for

(Continued on page 19)

**PRIZE COLLECTION OF BUCKBEE'S SEEDS.**  
contains Radish, 17 55  
sorts; Lettuce, 12 SORTS  
sorts; Tomatoes, 11  
rare; Turnips, 7  
beauties; Onions, 8 fine ones.  
Will be sent you, with my new  
seed growers' Guide Book FREE  
if you mention this paper and send  
10 cents to help cover postage  
and packing. Send today.  
**H. W. BUCKBEE,**  
Rockford Seed Farms,  
ROCKFORD, ILL.  
Dept. L-70.

### STRAWBERRY PLANTS.

Choicest new and staple varieties, by mail or express, guaranteed to arrive in perfect condition. We refer to many thousands of satisfied patrons during our 25 years as strawberry culturists. Our 1902 catalogue contains valuable information and tells about 47 choice varieties. It is authority on the subject. FREE, write for it today.  
**M. CRAWFORD COMPANY,**  
Box 1008, Cuyahoga Falls, Ohio.



### Select Flower Seeds.

We make a special feature of choice flower seed collections. Varieties selected from the most reliable growers of Europe and America. All are illustrated and fully described in our large new catalogue. We will send any 12 packets, mixed varieties selected from our catalogue for 25 cents. We mail catalogue free. Write for it today.  
**J. BOLDIANO & SONS,**  
Dept. 7, 13 Baltimore, Md.



### THE SPRAMOTOR

was awarded the Gold Medal at the Pan American Exposition. It has been adopted by the Russian, Canadian, Belgian and Australian Governments, and is in use at Experimental Colleges in New York, New Jersey, Delaware, Ohio, Illinois, Iowa, Ontario, Manitoba, Quebec, Nova Scotia, British Columbia, and awarded first place over eleven others in actual trial by the British Government. An 84 page copyrighted treatise on diseases affecting Fruit Trees mailed free.  
**Spramotor Co., Buffalo, N. Y., London, Can.**

**FREE** Our handsome Garden Annual and Seed Catalogue. Send your address on a postal 10-day, or for a 20 stamp and name of neighbor who is an actual seed buyer, Catalogue and a packet of the Large German PANSY if sent before March 20th. Address  
**COLE'S SEED STORE, Pella, Iowa.**

## Western Fruit Grower

### St. Joseph, Mo.

Monthly, 50 cents a year; 3 months trial subscription, 10 cents. Best fruit paper.

**2,000,000** Extra Choice Fruit and Ornamental Trees, Small Fruits, Roses, Shrubs, Vines, etc. Superb stock. Must be sold quick. It will pay you to get our prices.  
**ALPHA NURSERY CO., - - Alpha, Ill.**

## YORK STATE TREES

### OUR WINTER WORK

offer shows how easy you can make some cash and get your own Trees and Plants free. Write today for particulars and terms. Also ask for our new descriptive Catalogue for 1901. Its free.  
**The Geo. A. Sweet Nursery Co.**  
Box 1296 - - Dansville, N. Y.

### FOR SALE.

We know of a fine fruit farm of 2 1/2 acres for sale at the head of the beautiful Genesee Valley, 2150 trees planted in 1896-2 acres of currants, 2 acres berries. Address Editor Vick's Family Magazine.



## Beautiful Water Lilies

### The Queenliest Flowers That Grow.

Who has not craved to have a collection of lovely pond-lilies? You should see my water lily catalogue which describes 100 varieties and gives complete instructions for growing them in tubs and ponds. Sent free to all who wish to buy (to others for 10 cents.)

**Geo. B. Moulder,**  
Box 17, Lily Park, Smith's Grove, Ky.

## What! Ripe Tomatoes in June?

Yes that is what we have had for the last four years from Fedder's Best and Earliest of all Tomatoes. They are a bright scarlet, smooth as an apple, will not crack, are large yielders and last until frost kills them. 200 seeds from selected tomatoes 15c. 2 packets for 25c. **Henry Fedder, Box 27, Dansville, Liv. Co., N. Y.**  
We have seen Mr. Fedder's tomatoes. They are all he claims.—Ed. Vick's Magazine.

### FREE LANDSCAPE ADVICE.

I will gladly give free planting suggestions with instructions how to beautify the home grounds to any one interested, on condition that the shrubs and flowers are to be ordered of me. My stock is the very finest and prices right.

**WALTER H. HARRISON, Landscape Architect,**  
La Motte, Pennsylvania.

### YOUR REAL ESTATE!

Sell it yourself. Our monthly U. S. Real Estate Journal will show you how, by giving you the address of CASH BUYERS AND EXCHANGERS, all through United States and Canada. One year's subscription, \$1.00. Send it now. The first Journal you get may make or save you \$10s. Sample Journal, 25 cents. U. S. Real Estate Journal, Station 10, Ithaca, N. Y.

**CLASS PINS** this style, with any 4 colors of enamel, sterling silver, 25c. each; \$2.50 a doz. Silver plated, 10c. each; \$1.00 a doz. Special designs in pins or badges made for any class or society at reasonable prices; send design for estimates. Catalogue free. **Bastian Bros., 53, Rochester, N. Y.**

## I Can Sell Your Farm

or other real estate for cash, no matter where located. Send description and selling price and learn my wonderfully successful plan. **W. M. OSTRANDER,**  
North American Building, Philadelphia, Pa.

**NORNY'S FRUIT PRESERVING POWDER** restores soured fruit or tomatoes. 10c. package enough for 10 quarts. **ZANE, NORNY & CO.,**  
Box 868, Philadelphia, Pa.

### HOME MANUFACTURING

**Made Easy.** White Rose Cream is an elegant toilet preparation, a good one to start with, costs a half cent to make a 3-oz. bottle, sells readily at 25c. Agents sell 10 to 20 bottles a day; anyone can make it. Send 10c for 100 labels printed in two colors, formula for making the Cream, also our label catalogue and sample copy of *Mixen's Cream*, and a lot of valuable information how to start manufacturing Patent Medicines, Perfumes, Soaps, Toilet Articles, Flavoring Extracts, and many other household supplies, how to make your own goods and employ agents; how any one can get labels, etc. on 30 days time; how to advertise and work up sales for your goods. Send for our "Folder A" its free. Address, **J. M. THORNER CO., Fort Madison, Iowa.**

### AGENTS WANTED NOW.

We want to make every bright and energetic young man and woman who are dependent upon their own efforts for success an offer, whereby he or she can make from 100 to 182 percent profit handling our fast-selling goods which are necessities in every household. We have no gold watches or tin jewelry or gimcracks to offer as premiums for selling our goods, but we have the best plain business proposition ever offered. We want to hear from intelligent people to whom this kind of an offer would appeal. Address: **The P. Graham Company, 1263 Michigan Ave., Chicago, Ill.** Anyone, man or woman, will profit by sending for our "Folder A" its free.

### Music Learning at Home.

**Piano, Organ, Guitar, Violin, Banjo and Mandolin.**

Harmony and Composition. Our booklet tells how to learn to play any of the above instruments without going to a teacher or having a teacher call at your home. Booklet sent free. Fifth year of greatest success. Address:

**U. S. Correspondence School of Music**  
27 Union Square, New York, N. Y.



## Notes by the Way.

(Continued from page 18)

very few will escape the ducks' broad bills, and the ducks never harmed berry bushes for us. Of course they would were they not fed, but there is absolutely no profit in raising ducks unless they are well fed. Don't make the mistake of allowing your ducks the run of the garden thinking they will be of benefit there; they will get the insects all right but the growing things in the garden will not be slighted; they will bite and destroy garden stuff for meanness, or at least one is led to believe so, as they will pull up plants and let them lie. Fifty or sixty half-grown ducks will work havoc in a growing garden in a very short time. Turkeys will pick up a great many locusts, but they are not nearly as good foragers for all sorts of insects as are ducks. There does not seem to be anything in the way of spraying or dosing to kill locusts so one must needs depend upon poultry and birds.

Last year's gardening taught us one thing—soaked it in, so to speak—and that was that a thoroughly prepared seed bed, with shallow and frequent cultivation of vegetables is the only help in a drouth, where one is not prepared to irrigate. The dust blanket might better be called the dust bed, for unless it is thicker than a blanket the advantage will not be very apparent in a dry time.

*Emma Clearwaters.*

Flansburg & Pierson, Leslie, Mich., make a specialty of growing strawberries and seed potatoes. They will gladly send their catalogue free to those mentioning Vick's Family Magazine.

Country Life in America, published by Doubleday, Page & Co., New York, and edited by Professor L. H. Bailey, of Cornell University, is a new magazine designed to portray the charms of country life. The publication is both elegant and unique; the paper is of the best, the illustrations numerous and splendidly brought out, and the contributions come from the best writers of the day in their particular lines. It cannot fail to lead to the better appreciation of country life and country homes by those possessing ample means to indulge in broad acres of field and woodland.

## Catalogues Received.

R. M. Kellogg's Great Crops of Strawberries, and How He Grows Them, Three Rivers, Mich.—Spring Catalogue of New Strawberries and the Best O'd Ones, M. Crawford Co., Cuyahoga Falls, Ohio.—Fifteenth Annual Catalogue, L. L. Olds, Clinton, Wis.—The Storrs & Harrison Co., Painesville, Ohio.—The Effects of Nitrate of Soda upon Vegetation, by some of the Experiment Stations. John A. Myers, 12 John St., New York, N. Y.—The Conard & Jones Co., West Grove, Pa., New Floral Guide.

## Spramotor.

The value of a name is well illustrated by the above which was adopted by the inventor of the spraying machines now advertised and sold by the Spramotor Company. Probably no similar machines on the market embrace more points of advantage than the Spramotor. Space will not permit detailed reference to these but a line to the manufacturer will bring catalogues and other descriptive matter. The business started at London, Canada, has grown to such proportions that a year ago a complete establishment was opened at Buffalo, N. Y., from which point all orders from the U. S. are filled. Highest honors were awarded the Spramotor at the Pan-American Exposition. Spraying has come into such general use by fruit and vegetable growers, farmers and stockmen, that many of our readers will be buying sprayers this season. The Spramotor Company make a full line. Address them at Buffalo, N. Y., or London, Canada, and mention this paper.

## WILL YOU ACCEPT A GIFT

WORTH FULLY TWO DOLLARS?

If you have any serious trouble with your heart, stomach, kidneys or nerves, write me. I will make you a present of two and one-half dollars worth of one of my famous special treatments provided I feel confident that it will cure or greatly benefit you. They have cured many thousands of desperate cases after from two to twenty-two physicians had failed, as I will prove to you if you will permit me to send pamphlet containing many remarkable testimonials from prominent persons.

I treat these organs through the nerves and nerve centers. It is the only way of curing the worst cases. Nerve force is vitality-life; it controls the circulation, all motion and nutrition; without it, is paralysis—death. I have made it a life-long study, and my treatments are a wonderful success. So successful are they, that I do not hesitate to let you try them at my expense. It will not cost you a cent, but the express. I will carefully study your case free, prescribe free, and give the medicine free. What other physician will do as well?

My Examination Chart will help you to describe your case easily, fully and accurately. It will astonish you. Hundreds send grateful letters to me daily. I would like to send you what a thousand of them say, and after you try one of my Neuropathic Treatments you will understand why I have such confidence in them. I do not want your money if I cannot cure you.

If you have any of the following symptoms write to me at once: Short breath, pain in the chest, shoulder or left arm: dyspepsia, wind, irregular pulse, acidity or heartburn; weak, sinking or smothering spells; swelling of ankles or dropsy; constipation, deposits in water or kidney trouble. Address, FRANKLIN MILES, M. D., LL.B., 201 to 209 State St., Chicago, Ill.

## "A Gold Mine On Your Farm"

is the title of the most complete and comprehensive illustrated Treatise on the subject of spraying, with tables of cost and formulae. The result of actual use at the leading Agricultural Experiment Stations, tells of the SPRAMOTOR, the "Gold Medal" machine at the Pan-American. 34 copyrighted pages. We mail it free. Ask for it. SPRAMOTOR CO., Buffalo, N. Y. or London, Can.

**BABY'S FRIEND** is our Grandmother's White Wonder. Positively cures colds, croup, snuffles, caked breasts. Price 50c. per box. Guaranteed. Quaker Salve Co., Station 10 Union, N. Y.

## Rippley's Compressed Air Sprayers

have been tested and endorsed by Stark Bros. Nursery Co., Louisiana, Mo., Green Bros. Nursery Co., Rochester, N. Y., and thousands of others in U. S. and Canada. Sprays solution in a mist fog. Saves 1/2 solution and 1/2 over other sprayers. Sprays trees 25 feet high by using extension pole. Full 1/2 full solution, pump in air, turn on nozzle, and the solution is discharged. Fine brass cylinder pump fitted on outside, easy to adjust solution. Fine Vermorel spray nozzle. Great for white-washing houses, etc. Sold under a guarantee. Tested 60 lbs. pressure. Has safety valve, double sealed and riveted. Prices cash with order, including one year's subscription to Western Fruit Grower.



4 Gal. Heavy Galv. Steel \$5, weight 12 lbs.; 4 Gal. Heavy Copper \$7, weight 10 lbs.; 5 Gal. Heavy Galv. \$5.50, weight 15 lbs.; 5 Gal. Heavy Copper \$8, weight 12 lbs. 4 ft. Ex. pole 75c, 6 ft. Ex. pole \$1.00. Agents Wanted.

RIPPLEY HARDWARE COMPANY, Box 24, Grafton, Ill.



## ROSES LARGE FIELD GROWN

that will give a profusion of blossoms this season. Plants strong enough to live out all winter and be a source of pleasure for years to come. They are grown on their own roots and can not be compared with the small plants usually sent out by mail. Our plants are fully equal to a dozen small ones and to those often sold as high as 50 cts. each. Our price is FOUR different varieties (our selection) correctly labeled for 66 cts., or EIGHT for \$1.00, delivered any place in the United States. Varieties consist of such popular kinds as Burbank, Dismore, etc. WAGNER PARK CONSERVATORIES, Sidney, Ohio.



## HAIR SWITCH FREE!

ON EASY CONDITIONS. REMIT 5 CENTS FOR POSTAGE. Cut this ad. out and mail to us; send a sample of your hair, send no money, we will make and send you, postpaid, A FINE HUMAN HAIR SWITCH, exact match, 23 inches long, 2 1/2 ounces, short stem; if found perfectly satisfactory, exactly as represented, send us \$1.50 by mail within 5 days, or TAKE ORDERS FOR 2 SWITCHES, we to send switches direct to the ones buying postpaid, to be paid after examination if satisfactory; if not satisfactory return to us by mail, we enclose postage. When 3 are sold and paid for you can then have the switch we send you free. For extra Shades, Red, Blonde, Gray, the cost to us is more. Price of extra shades \$1.75. Order at once or send for free catalog Address, LADIES' HAIR EMPORIUM, Dept. 5 CHICAGO.

**RIDER AGENTS WANTED**  
One in each town to ride and exhibit a sample 1902 Bicycle.

**1902 Models, \$9 to \$15**  
'01 & '00 Models, high grade, \$7 to \$11  
**500 Second-hand Wheels**  
all makes and models, good as new, \$3 to \$8. Great Factory Clearing Sale at half factory cost. We ship to anyone on approval and ten days trial without a cent in advance.

**EARN A BICYCLE** distributing 1000 catalogues for us. Write at once for bargain list and our wonderful special offer to agents. Tires, equipment, sundries, all kinds, half regular prices. Dept. 35 H. MEAD CYCLE CO. CHICAGO, ILL.

**8 ROLLS FINE GILT WALL PAPER**  
to introduce our goods in each town. Nice Wall Paper 1c, 2c, 3c, a roll up. Elegant goods, low. Save 50 per cent direct. Send for FREE SAMPLES. F. H. HEWES, Lowville, N. Y.

**AIRGUN FOUNTAIN PEN**  
**FREE** We give the premiums illustrated and many others for seeing our NEW GOLD EYE NEEDLES at 6c a package. They are of Best Quality and Quick Sellers. With every two packages we give FREE SILVER ALUMINUM THIMBLE. Send no money in advance, just name and address, letter or postal, ordering two dozen needle papers and one dozen thimbles. We send them at once postpaid with Large Premium List. When sold send us \$1.20 and we will send premium which you select and are entitled to. Write today and get extra present FREE. PEERLESS MFG. CO., Greenville, Pa., Box 280.



## Specialties for 1902.

Pearl Gooseberry, Loudon, Columbian and Cumberland Raspberries, Erie and Rathbun Blackberries; Pomona and Fay's Prolific Currants; Echo Strawberry.

## They Live, Grow and Bear Fruit.

Every plant is guaranteed as to quality, freshness and to be true to name and variety. This stock is strong, hardy and most carefully selected. My New Year Catalogue contains much of interest and value to every orchardist and small fruit grower. Many new varieties. It is mailed free. Write for it to day

ALLEN L. WOOD, Wholesale Grower, Rochester, N. Y.

## ALLEGER &amp; CO.

GET AN ALLEGER PIANO

The Standard of Perfection for \$150.00.

GET AN ALLEGER ORGAN

The Standard of Perfection for \$42.50.

Established 38 years.

Address Lock Box 15, Washington, N. J.



## Increase Your Income

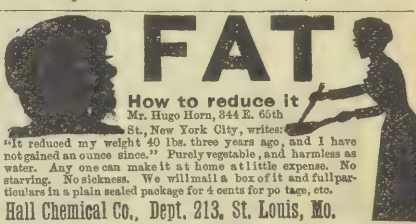
Agents and canvassers, men and women make money selling our beautiful photo jewelry and medals, made from any picture. The finest work of this character produced in this country. Superb and appropriate presents. Liberal terms. Write today. REED & CO., 113 Adams St. Chicago 011

## LADIES NO MORE STREAK-ED CLOTHES

If You use BLUETTE in your laundry work. No liquid to settle to the bottom of the tub. No powder left undissolved to spot the clothes. No spilling of liquid or powder. BLUETTE is put up in sheets. One package, enough for 24 washes, sent for 10 cents. Agents wanted. Julia D. C. Nichols - - Hancock, N. Y.

## DANDRUFF CURED FREE

"DANDRUFF" is a sure cure for dandruff. It cleanses the scalp and produces a healthful condition and can be applied easily. We will send you a 25 cent package; enough to cure an ordinary case for 10 cents to pay for packing and postage. CREST CHEMICAL CO., P. O. Box 193, Far Rockaway, New York City.



## FAT

How to reduce it

Mr. Hugo Horn, 344 E. 65th

St., New York City, writes:

"It reduced my weight 40 lbs. three years ago, and I have not gained an ounce since." Purely vegetable, and harmless as water. Any one can make it at home at little expense. No starving. No sickness. We will mail a box of it and full particulars in a plain sealed package for 4 cents for postage, etc. Hall Chemical Co., Dept. 213, St. Louis, Mo.

## ARE YOU DEAF? ANY HEAD NOISES?

ALL CASES OF DEAFNESS OR HARD HEARING ARE NOW CURABLE

by our new invention. Only those born deaf are incurable.

## HEAD NOISES CEASE IMMEDIATELY.

F. A. WERMAN, OF BALTIMORE, SAYS:

GENTLEMEN:—Being entirely cured of deafness, thanks to your treatment, I will now give you a full history of my case, to be used at your discretion.

About five years ago my right ear began to ring, and this kept on getting worse, until I lost my hearing in this ear entirely.

I underwent a treatment for catarrh, for three months, without success, consulted a number of physicians, among others, the most eminent ear specialist of this city, who told me that only an operation could help me, and even that only temporarily, that the head noises would then cease, but the hearing in the affected ear would be lost forever.

I then saw your advertisement accidentally in a New York paper, and ordered your treatment. After I had used it only a few days according to your directions, the noises ceased, and today, after five weeks, my hearing in the diseased ear has been entirely restored. I thank you heartily and beg to remain,

Very truly yours,

F. A. WERMAN, 730 S. Broadway, Baltimore, Md.

Our treatment does not interfere with your usual occupation

Examination and advice free. **YOU CAN CURE YOURSELF AT HOME** at a nominal cost.

INTERNATIONAL AURAL CLINIC, 596 LA SALLE AVE., CHICAGO, ILL.



## THE NATURAL BODY BRACE



### CURES

Female Troubles,  
Stooping Posture,  
Inflammations,  
Internal Pains,  
Tired Feeling,  
Backache,  
Weak Lungs,  
Nervousness.

### TRIAL FREE.

It will make you comfortable, buoyant, happy—give you ability to work and enjoy life. It is simple, wholly external, adjustable to any figure. Worn with or without corset.

We have over 15,000 letters like this:

Chandler, Okla., July 27, 1899.  
Your Brace did all you said about it and more for me. It has saved me a big doctor's bill and brought me good health, which I had not had before in 25 years. My troubles were dropsy, headache, lung disease, stomach and other ills to which women are subject.  
MRS. L. B. DICKINSON.

Write today for particulars and illustrated book mailed free in plain sealed envelope. Address:  
The Natural Body Brace Co., Box 748 Salina, Kansas  
Every woman should have this Brace.

## CATARRH

is the most prevalent of diseases. It is a local ailment of the mucous membrane as well as constitutional and

## CAN BE

eradicated by proper treatment. Dr. Sykes cured himself in 1870, and the treatment has thousands since, and by using Dr. Sykes' Sure Cure for Catarrh will cure you. Send for the best book on catarrh ever published. Mailed free. For sale by Druggists.

DR. SYKES' SURE CURE CO.,

Department B  
118 So. Leavitt St. Chicago, Ill.

## LIFE SIZE DOLL FREE

"Baby's clothes will now fit Dollie."



Girls can get this beautiful Life Size Doll absolutely Free for selling only four boxes of our Great Cold & Headache Tablets at 25 cents a box. Write to-day and we will send you the tablets by mail postpaid; when sold send us the money (\$1.00) and we will send you this Life Size Doll which is 2 1/2 feet high and can wear baby's clothes. Dollie has an indestructible head, Golden Hair, Rosy Cheeks, Brown Eyes, Kid Colored Body, a Gold Plated Beauty Pin, Red Stockings, Black Shoes, and will stand alone. This doll is an exact reproduction of the finest hand painted French Doll, and will live in a child's memory long after childhood days have passed. Address:  
NATIONAL MEDICINE CO.,  
Doll Dept. 224 C, New Haven, Conn.

## Two Rings Free!

We will give these Two **SOLID GOLD** laid Rings, one set with large Garnet and three Pearls, one with Ruby and two Brilliants, **FREE** to any one that will sell 12 of our **Gold Plate Enamelled Brooches**, set with different colored stones at 10 cents each, and sends us the \$1.20. No money required until brooches are sold. We take back all not sold. Address:  
HOWARD MFG. CO., PROVIDENCE, R.I.

## BABY PATTERNS.

I will send 35 patterns for long wardrobe, or 15 for short clothes, with complete directions for making, for 25 cents, postpaid, per set. All secret and apparatus for performing the Great Vanishing Half-Dollar Trick, Cure for Love a novelty sure to please. Mention the paper you saw this Ad in and I will put in a heavy **GOLD** laffinger RING Free, and my large Ill's cat's of Plays, Wigs, Tricks and agents latest Novelties. Chas. Marshall, Mfr. Lockport, N. Y.

## DIP NEEDLE COMPASS

for hunting magnetic minerals, also underground treasure books, etc. circulars 2 cts.  
H. P. STRUPP, Dept. E, Campbelltown, Pa.

**CARBO-GRAPH** A new and easy method of drawing any picture in colors, by using carbon papers. No. 1, 25 cents, postpaid; larger size, express paid, 45 cents. E. AUSTIN, Fowlerville, Michigan.

A Dollars worth of Tricks and Make-Ups, sent by mail for 25 cents, stamps or silver. A nice Moustache or Full Beard, Rube, Galway, Irish or Side Whiskers, any color, a Bottle of Spirit Gum to stick them on, Box of Prepared Burnt Cork to blacken up, 1 in. Rubber Mouth big teeth Great Vanishing Half-Dollar Trick, Cure for Love a novelty sure to please. Mention the paper you saw this Ad in and I will put in a heavy **GOLD** laffinger RING Free, and my large Ill's cat's of Plays, Wigs, Tricks and agents latest Novelties. Chas. Marshall, Mfr. Lockport, N. Y.

## Birds and Mosquitos.

(Written for Vick's Family Magazine.)

In high northern latitudes, the earliest birds that come to greet us in the spring from their migratory journey south, are the beautiful snow-birds. They come with songs of gladness, true harbingers of approaching spring.

For three long dreary winters I was stationed at Point Barrow, the extreme northern point of Alaska, where the nights are over two months long, when no bird or animal can be seen. In fact from the middle of October to the middle of April, no living thing can be seen, excepting an occasional native and his accompanying dog, or now and then a polar bear or a white fox. One can imagine how very welcome the snow-bird is, after being shut up out of the world, as it were, for six long, dark, dreary months. The first we knew of his presence was, the warble of his song, not unlike the canary's, but to us far sweeter; we all rushed out to see, and hear and welcome him. He was a beautiful creature and as he sang flitting from one vantage point to another our hearts were made glad, feeling assured that the long winter's gloom had passed. We threw the bird a handful of crumbs for which he seemed grateful by continuing his song, off and on, nearly all day.

The next day we missed the bird and the song, but on the third day he appeared with his mate, and remained with us the whole of the summer season. A few days after the first, another pair came, then others, and their songs could be heard all through the day and night. The males are very pugnacious little fellows and after several battles in which feathers flew, the first two pairs held possession and all others flew away for more congenial quarters. The first pair selected a nesting place among bags of coal piled up against the station; the second pair among bags of coal against the store-house not twenty yards away; these were their homes for which they fought against all intruders.

Every day for weeks the males would begin their daily songs of open defiance of each other, then meet some half way or so between their homes in open battle, in which neither seemed the victor, but woe to the one who approached the nest of the other, and woe to any strange bird that entered the neighborhood, for then both male birds would engage in driving him off. We were deeply interested in the battles and songs of these birds, as they served to while away the time and bring us back to the realities of an every day life.

For a while we fed the little things with crumbs of bread and they soon became so tame as to take the crumbs from our hands; when the mosquitos came the birds fed on them in preference to the crumbs; in fact mosquitos

Vick's Magazine a whole year for 25c., if sent within 60 days.

## Mothers! Mothers!! Mothers!!!

### Mrs. Winslow's Soothing Syrup

has been used for over SIXTY YEARS by MILLIONS of MOTHERS for their CHILDREN while TEETHING, with PERFECT SUCCESS. It SOOTHES the CHILD, SOFTENS the GUMS, ALLAYS all PAIN; CURES WIND COLIC, and is the best remedy for DIARRHOEA. Sold by Druggists in every part of the world. Be sure and ask for "Mrs. Winslow's Soothing Syrup," and take no other kind. Twenty-five cts. a bottle.

**WANTED** Ladies and gentlemen who can write a plain hand and give good references. Address, E. W. D., 19th St., East Orange, N. J.

**\$20 WEEK, POSITIVE EITHER SEX.** While at regular work. Start immediately, fully equipped, for \$1. (cash or stamps). No books or samples. Box A 243, Des Moines, Ia.

**ANY LADY** suffering with Female Trouble who will send me the names and addresses of ten women who need treatment, I will send a 40-cent box of the famous "HOME TREATMENT" for women free. Address, Mrs. Harriet Hartman, Box 485 R, South Bend, Ind.

**FREE**  
Sure Home Cure for Consumption, Bronchitis, Catarrh and Weak Lungs. To introduce my treatment in certain localities, I will, for a short time, give medicines for 3 months' treatment **FREE**. No C. O. D. imposition. Write me about your case without delay.  
Dr. M. Beaty, 123 W. 9th St., Cincinnati, O.

### WEAK BACKS, CROOKED SPINES.

Reader: If from any cause you, or any one in whom you are interested, are afflicted with a weak or ailing back, or with a misshapen or deformed spine, it will be greatly to your interest and advantage to write to James Town, N. Y., telling in your own way as much as you can about the case. Correspondence is free and invited, information of real value will be sent you. Act upon this suggestion **NOW** and you will profit by it.

**Every Woman** is interested and should know about the wonderful **MARVEL Whirling Spray**. The new Vaginal Syringe, Injection and Suction. Best-Safe—Most Convenient. It Cleanses Instantly.  
Ask your druggist for it. If he cannot supply the MARVEL, accept no other, but send stamp for illustrated book—sealed. It gives full particulars and directions invaluable to ladies. **MARVEL CO.,** Room 34, Times Bldg., New York.

## GRAY HAIR RESTORED.

We have secured the sole rights in America for the manufacture and importing of the wonderful Juice of the Philippine Islands Walnut. In its crude state this juice has been used for hundreds of years by the natives as a hair dressing, and gray hair is unknown amongst them. Under our process this juice is specially purified and prepared, making the only known preparation which will absolutely restore gray hair. We have called this preparation

**"WALNUTTA" HAIR STAIN**  
for Coloring (dyeing) Gray, Streaked, Faded or Bleached Hair, Eyebrows, Eyelashes, Switches, Beard or Moustache. **Does not wash off or rub off.** Entirely harmless, lasting and easily applied. Gives Gray Hair a uniform color in **LIGHT BROWN, DARK BROWN or BLACK.** Contains no Nitrate Silver, Sulphur, Lead, Litharge or Poisons of any kind. Is not Gummy or Sticky. It is superior to any color on the market. The effect of **Walnutta Hair Stain** is not only **Instantaneous** but **absolutely harmless** and satisfactory in its actions. If your hair is fading or turning Gray, and you want it back to its own color, **Walnutta Hair Stain** will restore it. If only part of your hair is Gray, that part can be Restored to its own color without touching the balance of the hair. Used according to directions any shade from light brown to black can be obtained. It cannot injure the hair, but will restore tresses that have been ruined by the use of chemicals and dyes. It will cause the hair to appear perfectly natural and bright as in youth. It is a one-bottle preparation, and altogether different from the sticky, dirty and greasy hair dyes so extensively advertised. **Walnutta Hair Stain** will give more satisfactory results in one minute than all the hair restorers and hair dyes will in a lifetime. No matter what hair dye you are now using, or have used, give **WALNUTTA HAIR STAIN** a trial. It will only cost you 20 cents to prove that it is the only absolutely effective, perfectly harmless hair stain on the market. Price 60 cents per bottle, by mail, postpaid. Sent in plain pkg. To convince you of its being the best preparation ever sold, we will send a sample bottle postpaid for 20c. Address **THE PACIFIC TRADING COMPANY, Distributing Office J. ST. LOUIS, MO.**

## REAL ESTATE WANTED

We want town, city and farm property, also business property, in all parts of the United States and Canada. Send description and cash price.  
N. Y. TRADING AND INVESTMENT CO., - Dept. V, 128 Hamilton Place, NEW YORK.

## FOUR BOTTLES FREE!

We will send four bottles of our unrivaled remedy, securely packed in wooden box, like cut, no distinguishing marks, postpaid, **FREE**. This remedy, the result of many years of practice, study and experiment in leading European hospitals, is unsurpassed for the treatment and cure of **ALL BLOOD DISEASES** and the resulting different forms of **Eruptions and Ulcers**. We also send free valuable pamphlet describing the cause and growth of skin disease and the proper treatment of **Pimples, Blackheads, Itching of the Skin, Eczema, Liver Spots**, and all skin diseases, inherited or self-acquired, **Loss of Hair, Ulcers, Running Sores, Pains of a Neuragic or Rheumatic Nature, BLOOD POISON**, etc. There's a certain cure for your affliction. **WRITE TODAY.** Address **KENT MEDICAL INSTITUTE, 362 Houseman Bldg, Grand Rapids, Michigan**

## How I Acquired My Millions.

By a big capitalist. Tells just what every enterprising man and boy wants to know. We mail it for 10 cts. **STAR NOVELTY CO., 1107, Palmer Street, Philadelphia, Pa.**

**25 SHEETS** of Fine Note Paper, 25 Envelopes to match, Pencil, Penholder and Pen and one pint of fine writing ink, all for 22c in stamps. **Pearl Novelty Co., Roaring Springs, Pa.**

**AGENTS** WANTED in every county to sell the Good commission paid. **Transparent Handkerchiefs, Pocket Knife.** From \$75 to \$300 a month can be made. Write for terms. **Novelty Cutlery Co., No. 63 Bar St., Canton, O.**

## We Pay \$20 a Week & Expenses

to men with rigs to introduce our Poultry Compound. Send stamp. **Javelle Mfg. Co., Dept. 222, Parsons, Kan.**

**\$80 A MONTH** and expenses paid any active person to sell goods \$40 a month to distribute circulars, salary paid monthly. Sample and full particulars 10c. **W. MEAN BUSINESS. Union Supply Co., Chicago, Ill.**

**LADIES TO DO PLAIN SEWING** at home \$1.50 per day; four months' work guaranteed. Send stamped addressed envelope for sample and particulars. **R. W. Hutton & Co., Dept. 2, Philadelphia, Pa.**

## DO YOU KNOW WHAT AILS YOU?

**SCIENCE AGAINST LUCK.** Doctors Often Fail To Cure because they Do Not Know What Ails You. Why spend your money and get no cure? If Sick, or discouraged send your date of birth, sex and stamp for a **FREE DIAGNOSIS**. **DR. MACDONALD, Binghamton, N. Y.**

**\$75 A MONTH.** We want a middle aged or elderly man in every county to represent us. No book agency scheme, or swindling salary offer. Just a straight, clean, permanent, business proposition. **Beach-Kingsley Co., Box 95, Binghamton, N. Y.**

## PHARAOH'S HORSES

17 x 24 inches, heavy proof paper, ready for framing, reproduced in the original colors, and heretofore sold for \$1. In order to introduce our catalogue we make them 50c. postpaid, or catalogue alone for 2c. stamp.  
**EASTERN NOVELTY CO.,**  
13 Proctor Block - Salem, Mass.

**HOW TO MAKE MONEY** Invest 1 cent by writing us a postal card and we will put you in a position to earn \$1,000 a year. This is no fraud. Many now in our employ will vouch for the truth of this statement. We are willing to guarantee any honest, energetic person, without previous experience, from **\$700 to \$1,000** a year sure money. Write today.  
**J. L. NICHOLS & CO., Naperville, Ill.**

**COMFORT FOR WOMEN.** We have lately produced a sanitary article both antiseptic and absorbent. It is healthful, cleanly and cheap; recommended by physicians. To use it means health, comfort and happiness. It is cheaper to use it than not to use it. It costs less than to pay laundry bills; after use, destroy removing from sight. We will send a month's supply for trial, postpaid, for only fifteen cents; as you will become our regular customer. Circulars and prices free. Ladies travelling, and boarders need them and so does every woman. Special terms to lady agents. Address, **Woman Co-Operative Co., West Derry, N. H.**



seemed to be their natural food. After awhile six little brown and white eggs were deposited in each nest. At one time a native woman, seeing the birds so gentle, set a snare and caught one bringing it a captive triumphantly to me. I informed her that the birds were mine and I should allow no one to trouble them; for punishment I forbid her the entrance to the house for a month. It is the nature of the Esquimaux to kill every bird and beast they come across. For a while I had all I could do to keep the boys and girls from stoning the birds, but when they found they were under my special care they desisted from such practice. In due time six little chubs in each nest, made their appearance, and the parents were kept busy feeding the hungry little fellows with mosquitos. Thousands and thousands of these insects were destroyed by the parent birds and their progeny. Long after the little fellows had left their nests and were able to fly, the parent birds continued feeding them and kept up the practice during the whole season.

Until my arrival at Point Barrow I could never understand what particular function in the economy of nature the mosquitos were intended to perform. Now I am satisfied they are specially provided as food for the snow-bird.

G. B. Borden.

**FITS** Permanently Cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. Send for free \$2.00 trial bottle and treatise. Dr. R. H. Kline, Ltd., 931 Arch St., Philadelphia, Pa.

**Vick's Magazine** a whole year for 25c., if sent within 60 days.

**Schoenherr's Celebrated Tape Worm Cure.** For only \$1.00. An easy and positive Cure, in 1 to 2 hours, for children and adults. No fasting, no pain and guaranteed free of poison. Never fails. This cure is also of the greatest advantage for persons suffering with Stomach Trouble. Send \$1.00 and 10c. for postage to **R. Schoenherr, Sr.**, Chemical Laboratory, Milwaukee, Wis.

**MADAM** Will you kindly accept a Prescription that cures your ailments to stay cured for 12 cents in stamps? If so, address **Dr. E. Palmer**, 309 Plymouth Ave., Buffalo, N. Y.

**YOUR FORTUNE TOLD FREE.** I can lay your future before you like an open book. Send date of birth and 2c. stamp for revelation of your life and my book telling how I can foretell the future. **PROF. DRAKE**, Room 28, 510 Jackson St., CHICAGO.

**LADIES!** A friend in need is a friend indeed. If you want a regulator that never fails address **The Woman's Medical Home**, Buffalo, N. Y.

**WRITE LADY DOCTORS** STATE YOUR TROUBLE. **THE REGULATOR** gives relief in 24 hours. **AND BE CURED AT HOME**. Our Regulator gives relief in 24 hours. Address, **Woman's Medical Institute**, Dept. 61, Detroit, Mich.

**YOUR FUTURE** husband or wife's Photo, with prospects in love and all affairs. Send 10c. and birth date, to **Astrologer**, Box 1772, Boston, Mass.

**PIMPLES** and Blackheads removed in one day. Complete Remover by mail, 25c. **Mason Drug Co.**, Hancock, Maryland.

# A NEW MONEY MAKING BUSINESS

NO  
EXPERIENCE  
REQUIRED

LET US START YOU. WRITE TODAY.  
**\$20 TO \$35** and Expenses  
WEEKLY.

COSTS YOU  
NOTHING TO  
INVESTIGATE

WRITE US FOR OUR PROPOSITION, ANYWAY,

**NO HUMBUG, FAKE OR  
TOY PROPOSITION.**

An Honest, Legitimate Enterprise, Backed  
By An Old, Reliable, Responsible Firm.  
Capital, \$100,000.00.

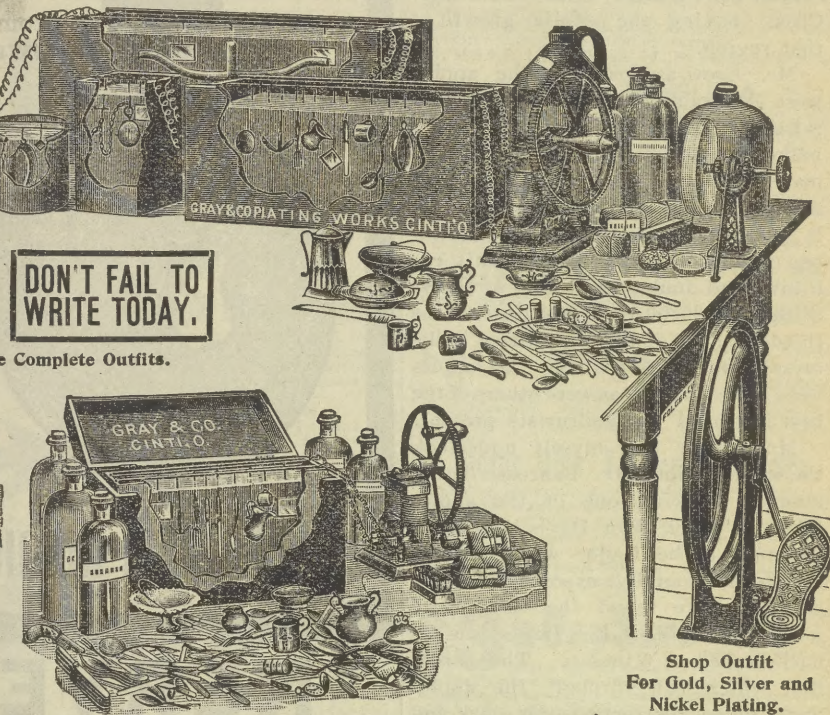
**BIG PROFITS**

New, Quick Process.  
Easily and Quickly Learned.

We Manufacture Complete Outfits.



Royal Silver Outfit in Operation.



Traveling Outfit for Gold, Silver and Nickel Plating.

**Why Slave Longer for Some one Else**

to make a profit out of you? Remember your employer will only pay you a salary as long as he makes a profit out of your labor.

Why not go in business for yourself, reap all the profits and get a standing in your community?

In this era every bright man and woman is looking to own a business, to employ help and to make money. It is just as easy to make money for yourself as it is to coin money for some grasping employer who pays you a small salary.

If you are making less than \$35.00 weekly it will pay you to read this announcement, for it will not appear again in this paper.

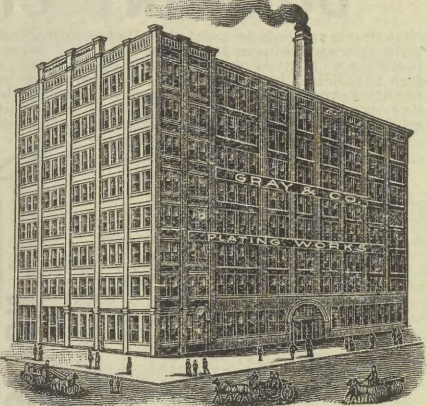
If honest and industrious we will start you in this profitable business. We will teach you absolutely free how to conduct it.

\$20.00 to \$35.00 and expenses weekly can be made at home or traveling doing plating and selling Prof. Gray's new line guaranteed plating outfit for doing the finest of plating on Watches, Jewelry, Tableware, Knives, Forks, Spoons, Castors, Bicycles, Sewing Machines, Swords, Revolvers; in fact all kinds of metal goods. Heavy plate warranted. No experience necessary.

**Demand for Plating is Enormous.** You can do business at nearly every house, store, office or factory. Every family has from \$2.00 to \$10.00 worth of tableware, besides jewelry, bicycles, watches, etc., needing plating. Every jewelry, repair shop, dentist, surgeon, undertaker, manufacturer, college, hotel, merchant, retail store wants plating done.

You can do plating so cheap that every person wants their goods plated. You won't need to canvass. Secure your outfit and appointment. Put out your sign, do a little plating for your friends, and quickly you will be favored with all the goods you can plate. If desired, you can hire boys

for \$3.00 or \$4.00 per week to do plating the same as we do and solicitors to gather up goods to be plated for a small share of the profits.



Factory and Warehouse of Gray & Co., Cincinnati, Ohio. Capital, \$100,000.00. Employ 200 to 300 people daily.

We are an old established firm. Capital \$100,000.00. Been in business for years. Know exactly what is required. Furnish complete outfits the same as we ourselves use. Customers always have the benefit of our experience.

**TREMENDOUS PROFITS.**

To plate 6 teaspoons requires about 3 cents' worth of metal and chemicals, 6 knives, forks or table-spoons about 5 cents' worth. Agents usually charge from 25 to 50 cents per set for plating teaspoons; from 50 cents to \$1.00 for table-spoons, forks and knives. We allow you to set your own price for plating. You have no competition.

**The Royal Silver Outfit, Prof. Gray's Famous Discovery, New Dipping Process.** latest, quickest method known. Tableware plated by dipping in melted metal, taken out instantly with fine, brilliant, beautiful plate deposited already to deliver. Thick plate every time. Guaranteed to wear 5 to 10 years. A boy plates 200 to 300 pieces of tableware daily, from \$10.00 to \$50.00 worth of goods. No polishing or grinding necessary neither before nor after plating.

Let us start you in business for yourself. Don't delay a single day. Be your own boss. Be a money-maker. We do all kinds of plating ourselves. Have had years of experience, manufacture our own goods send our outfits out complete, everything ready for use.

We teach you everything, furnish receipts, formulas and trade secrets free, so that failure should be impossible.

We are responsible and guarantee everything. Reader, here is a chance of a lifetime to go in business for yourself. Now is the time to make money.

**FREE--Write Us Today**

for our new plan and proposition, also valuable information, how the plating is done. Write today so we can start you at once. Sample of plating by our Outfits for 2-cent stamp.

**Write Today to GRAY & CO., Plating Works, 138 Miami Bldg., Cincinnati, Ohio.**

Above firm is thoroughly reliable and will do just as they agree. The outfits are just as represented and do fine plating, and after investigation we consider this one of the best paying businesses we have yet heard of.—Editor Vick's Family Magazine.

## FREE BOOK ON HYPNOTISM

Would you like to exert a strange and magic power over others? Do you desire to possess an accomplishment by which you can make both fun and money? If so, you should become a Hypnotist. You can now master this wonderful, mysterious and fascinating science free of all cost at your own home. By a few hours' study you can learn all about the secrets, methods, uses and wonders of the hypnotic trance. You can surprise and mystify all your friends by placing anyone you wish under this weird and magic spell, and compel them to see, think, feel, and act precisely as you wish. You can sway the minds of others, perform the most wonderful and astounding feats, and create fun and amusement for hours at a time. You can do a thousand amazing things that other people cannot do, and make yourself famous in a week's time. If you want to make money, you can do so by giving entertainments, curing disease, or teaching the art to others. These are three sure and easy ways to win a fortune. Why be poor? Why work for others, when you can master this money-making profession so easily? Investigate now. It costs nothing to find out all about it. Professor Harraden, the world renowned Hypnotist, has issued a large and elegant FREE BOOK, entitled, "A Key to the Mysteries of Hypnotism" and anybody can get a copy of it without one cent of cost, merely for the asking. Simply send for it by letter or postal and it will be sent you free and prepaid by return mail. It is the most beau-

tiful, interesting and valuable book ever published. It contains hundreds of beautiful pictures and is a marvel of elegance and splendor. The cover is a gem of art and the printing and other features simply perfect. Best of all, this charming book tells you just how to become a hypnotist. Every secret and mystery is here explained in the simplest language and you are amazed to find that you can master all these powers yourself and wield the subtle forces of mind as well as any operator in the land. You are also shown how you may heal the sick, relieve pain, cure bad habits, give sleep to the restless and comfort to the sorrowing. And for yourself, as this free Book shows, you can win promotion, social and business standing, increase of trade, the influence, friendship or love you most desire, and in short, all that is needed to make you rich, esteemed and happy as long as life lasts. This book also treats fully on Personal Magnetism, Magnetic Healing and kindred subjects and how to cure yourself of any pain, ache or disease. In spite of its great value and precious contents this book is free to you—free as any gift ever held out by a generous hand. There is no cost, no charges whatever. Simply write for it and it will be sent by next mail, all charges paid. Don't send any money, not even a stamp, but send your name and address TODAY, and learn how to win health, wealth, and fame. Address, **PROF. L. A. HARRADEN**, Dept. 5, Jackson, Mich.





## A Dish of Crow.

Mr. Crow of a certain nursery firm was present at meetings of both the Missouri and Kansas State Horticultural Societies, with some splendid specimens of apples which he had labeled "Black Ben Davis." While examining the fruit casually I was quite positive in my remarks, saying "They are evidently from the Pacific Coast, having the peculiar growth of that region."

Mr. Crow assured me the apples were Missouri grown, having been raised in Lawrence County. This being the case, I then determined to make a closer inspection at the Kansas meeting, especially as I found Mr. B. F. Pancoast, who was also a member of the committee on the fruit exhibits, had doubts as to the sameness of the two varieties. Mr. Cutter, the third member of the committee, like myself, was quite positive the apples were same as Gano, as were others of the best informed horticulturists present.

Mr. Cutter and myself undertook the examination, Mr. Pancoast being absent. Taking one of the apples labeled "Black Ben Davis," and one we knew to be Gano, we cut them around horizontally, exposing the seed cavities. We found the Gano pure white, while Black Ben Davis was as dark-fleshed as Winesap. The cords, too, which run through the apples were quite distinct, being dark and heavy, whereas in Gano they were hardly distinguishable.

Another difference was in cutting the apples. The Gano cut smooth, while Black Ben Davis was firm and solid. Having the apples cut, I made several tests without looking, and in each case I was able to determine, not making a single mistake.

Among those present while the examination was being made I recall Mr. Walter Wellhouse, who was quite positive in pronouncing them different varieties. Mr. Cutter, of the committee, admitted all the differences above noted, but thought "difference in location had much to do with it."

Mr. Pancoast was not present at the last test, his mind having been made up previously.

I have no hesitancy in saying, with what light I have, that Black Ben Davis is a distinct variety from Gano.

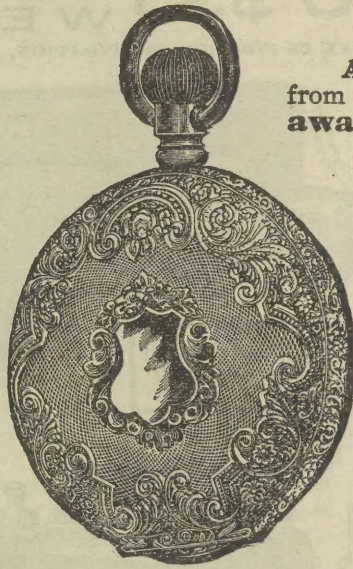
Crow is not a pleasant dish (no reference to Mr. Crow, whom I found to be much of a gentleman), yet I take it with good grace, as I assured the gentleman that I would have the fairness and honesty to give the public my conclusions, when the test was undertaken.

I can say further, that while I wish this dish had been spared me, I accept it without all condiments.—*Frank Holsinger.*

**DYSPEPSIA, INDIGESTION, HEARTBURN,** and other Stomach Troubles cured by the new Stomach Tonic. A 50 cent bottle lasts a month. 32-Page Circular Free. Write **UTOPIA MEDICAL CO.** Station B6 CINCINNATI, O.

**OPIUM** and Liquor Habit Cured without inconvenience or detention from business. Write **THE DR. J. L. STEPHENS CO.,** Dept., E. 2, Lebanon, Ohio.

# HANDSOME WATCH FREE



A Solid Gold Ladies' or Gents' watch costs from \$25 to \$50. Don't throw your money away. If you want a watch that will equal for time

any Solid Gold Watch made, send us your name & address at once & agree to sell only 8 boxes of our famous Vegetable Pills at 25 cts. a box. It's the greatest remedy on earth for Constipation, Indigestion & all stomach disorders & they sell like hot cakes. Don't miss the chance of your life. Send us your order & we will send the 8 boxes by mail. When sold you send us the money & we will send you the WATCH with

## A GUARANTEE FOR 20 YEARS

the same day money is received. There is no humbuggery about this. We are giving away these watches to quickly introduce our Remedy—and all we ask is that when you receive the watch you will show it to your friends. Hundreds have received watches from us & are more than delighted with them. This is a glorious opportunity to get a fine watch without paying a cent for it & you should write at once. Address

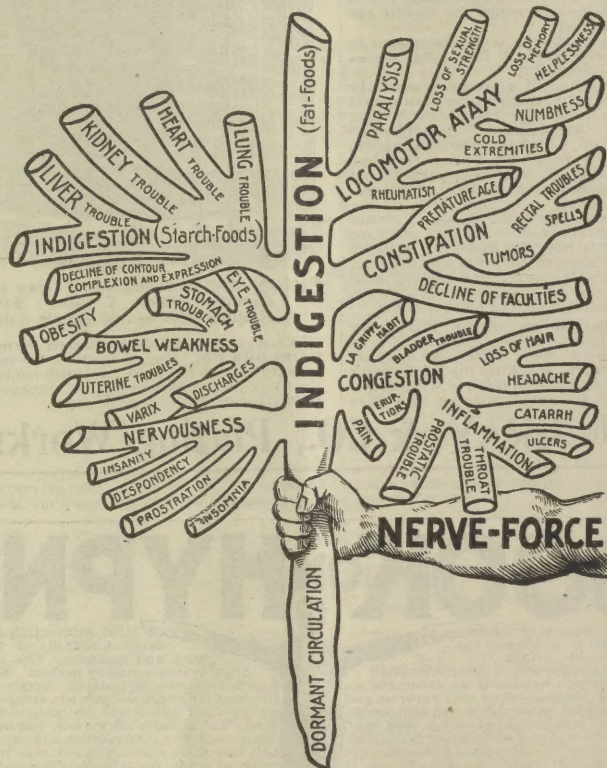
**AMERICAN MEDICINE CO.,** Dept. 210B, 47 Warren St., New York City.

## NERVE-FORCE

is a Home Remedy; a noble UNGUENT for external application. It is founded upon the principle that Suffering, Premature Decline and Premature Death are the direct, and indirect, results of

### DORMANT CIRCULATION;

that rescue can only be assured by its re-establishment by directly charging the controlling battery-cells with an element imitating the nerve force prepared for that purpose by Nature. This imitative element is our faithful NERVE-FORCE, and it will positively re-establish the most sluggish CIRCULATION to normal. It has won for us many Gold Medals for life-saving in the past twenty years. We do not, however, advertise it—but our NERVE-FORCE Journal, which explains its every detail. We send this Publication free, in plain envelope, to as many addresses as you may send us. We describe this foe to mankind as the root of



### A NOXIOUS WEED,

and we appeal especially to the "chronically ill" who are wearied and discouraged with "stomach-drugging" as a means of warfare against Disease; to sufferers threatened with cruel "operations;" to men and women who, in spite of heroic efforts for cure, feel themselves steadily declining; to men and women who are victims of sedentary employment or excessive "brain exhaustion," and to those who have been cast aside as "incurable."

**MR. and MRS. GEORGE A. CORWIN** 1521 Mt. Morris Bank Building, NEW YORK CITY

### ARE YOU WORKING FOR SMALL WAGES?

Are you looking for anything better? \$3. per day guaranteed workers handling "The American Polisher, Cleaner and Scourer." A new device unequalled for cleaning and polishing cutlery. Quick Seller. Sample 10c. Particulars free. Address, Eastern Supply Co., Y. Box 12, Smithfield, N. C.

### SEA SHELLS

25 different varieties by mail for 25c. stamps or coin, with engraved list. SHELL for making Wire Jewelry, Tools, Gold Wire, Etc. For beginners, a good paying business; send for list. Agents wanted for large showy shells and collections.

**J. F. POWELL, Waukegan, Illinois.**

### GOITRE OR BIG-NECK

Positively cured by a simple appliance. Sure cure. No experiment, 10 years' success. Satisfaction guaranteed. Can't tell about it here. Write for our Treatise on Goitre, Testimonials, price etc., Physicians' Remedy, Co. 52 W. 4th St., Cincinnati, O.

### "DERMID" LIQUID COURT PLASTER.

Covers the wound with a transparent, airtight water proof coating. Relieves pain and allays inflammation. Destroys any germs that are in the wound and keeps others out. Heals cuts and all abrasions of the skin in half the usual time. Write for circular. Pocket size, 10c. Family size, (4 times as much.) 25c. Agents wanted. Quick sales. Large profits. **DERMID MFG. CO.,** Box 438, Hartford, S. Dak.

### BED-WETTING

AND ALL BLADDER AND URINARY TROUBLES PERMANENTLY CURED.

#### EN-URE-SINE

or Dr. May's Specific, cures Bed-wetting and incontinence of urine during the daytime, both in the old and young.

It is the only known, safe and sure Cure for Bed-wetting, prepared by a graduate in medicine, who is willing to guarantee it to be as represented, and you cannot afford to experiment with preparations that may leave the patient in an incurable condition. Ladies troubled with a frequent desire to urinate and a burning sensation use EN-URE-SINE with perfect success. If you are afflicted, or have a child afflicted, with Bed-wetting or incontinence of urine, send your address to DR. F. E. MAY, Box W Bloomington, Ill., and receive sealed, a free sample of the remedy that will cure after everything else has failed.

From cradle to grave—past, present and future correctly treated and success assured in love and business. Mysteries revealed. My horoscopes are wonderful diviners; send date of birth and stamp, and I will send you, suitably framed, a horoscope of your life, or if you send 10c I will also send a description of the person you should love, and my wonderful magazine of NEW IDEAS. They call me the wonder of the twentieth century, because of my true predictions. Only thirty years old, I have made over \$100,000. I may make you equally successful if you heed my advice. Prof. S. K. Astro, Box 3693, Philadelphia, Pa.

### YOUR FORTUNE TOLD FREE



## LAUGHLIN Fountain Pen

Sent on Approval to Responsible People

### To Test the Merits of VICK'S MAGAZINE

as an advertising medium we offer your choice of the popular styles, superior to the \$3.00 grades of many makes, at only

# \$1.00

Try this Pen a week, if you like it, remit, if not, return it.

Finest quality hard Para rubber reservoir holder, highest grade 14 K. gold pen, any desired flexibility in fine medium or stub. Perfect ink feed. Sent postpaid on receipt of order (by registered mail 8 cents extra). Safety Pocket Pen Holder Free with each Pen.

Do not miss this special opportunity to secure a strictly high-grade guaranteed Fountain Pen at a price that is only a fraction of its real value.

Ladies, to a young man or an old man, to a married man or a single man, there is nothing in the world more appropriate, more welcome, or useful, either as a birthday gift, philopena souvenir, card prize or keepsake, than a

Laughlin Fountain Pen which is ever ready, ever handy, and ever suggestive of the fact that the pen is mightier than the sword.

Remember there is no "just as good" as the LAUGHLIN

State whether ladies' or gentlemen's style is desired. Illustration on left is full size of ladies' style; on right, gentlemen's style. (Either style, richly trimmed with heavy solid gold mountings for \$1.00 additional.) Agents wanted. Write for catalogue. Address

Laughlin Mfg. Co.,  
493 Griswold St.,  
Detroit, Michigan.

W. A. HYLTON, Brownsboro, Tenn.



Before After  
Using, THE WALRATH

## ASTHMA CURE

Dr. W. K. Walrath, Bx 629, Adams, N. Y.

## ANY LADY Can Easily Make \$18 TO \$25

weekly by representing us in her locality and as the position is pleasant and profitable the year round we will gladly send particulars free to all. Even your spare time is valuable. This is no deception, and if you really want to make money address WOMAN'S MUTUAL BENEFIT CO., Box 75, JOLIET, ILL.

## BONITA

THE BEST PREPARATION TO BEAUTIFY THE COMPLEXION



BONITA CREAM AND BONITA SOAP IS USED BY WOMEN OF REFINEMENT

ESSENTIAL.

To coax a clear and beautiful COMPLEXION. Removes MOTH, TAN, FRECKLES, PIMPLES, OILY SKIN, Etc. Directions with each jar, 50c of druggists or of us, prepaid. If your druggist does not keep it, send his name and 10c for sample to pay postage and packing. Take no substitute.

THE VIRDON CO., ST. LOUIS, MO

### Hopin' for the Best.

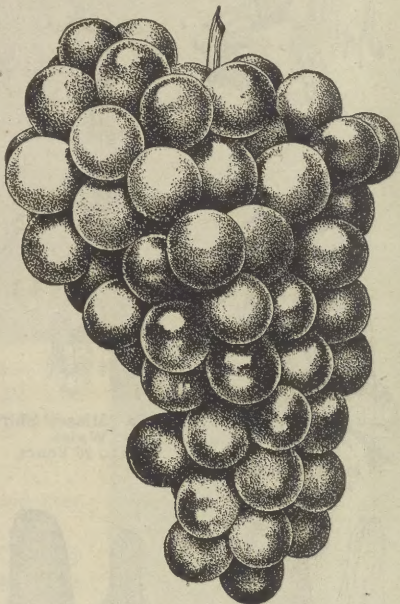
When the world seems full of trouble  
From the shinin' east to west  
A fellow makes it lighter  
Just by hopin' for the best.

It brings in sight the valleys  
Where the weary ones can rest,  
An' he hears the birds a-singing  
Just by hopin' for the best.

It's like a benediction  
To a soul that seems unblest,  
The privilege of hopin'—  
Just hopin' for the best!

Atlanta Constitution.

Allen L. Wood of Rochesetr, N. Y., one of our advertisers, is a large grower of fruit and nursery stock. His catalog just received appears to contain everything any one would want in great variety and we should judge the prices exceptionally reasonable for the high grade of stock which Mr. Wood is famous for shipping.



One of the novelties shown in the catalog is the McKinley early grape, brought out by Mr. Wood last year, and which gives great promise. Our readers who are interested in these matters would do well to write Mr. Wood for one of his catalogs, which will be very promptly mailed free on request.

### IS IT AN EPIDEMIC?

Vital Statistics Show an Alarming Increase in an Already Prevailing Disease—Are Any Exempt?

At no time in the history of disease has there been such an alarming increase in the number of cases of any particular malady as in that of kidney and bladder troubles now preying upon the people of this country.

Today we see a relative, a friend or an acquaintance apparently well, and in a few days we may be grieved to learn of their serious illness or sudden death, caused by that fatal type of kidney trouble—Bright's Disease.

Kidney trouble often becomes advanced into acute stages before the afflicted is aware of its presence; that is why we read of so many sudden deaths of prominent business and professional men, physicians and others. They have neglected to stop the leak in time.

While scientists are puzzling their brains to find out the cause, each individual can, by a little precaution, avoid the chances of contracting dreaded and dangerous kidney trouble, or eradicate it completely from their system if already afflicted. Many precious lives might have been, and many more can yet be saved, by paying attention to the kidneys.

All readers of Vick's Magazine who have any symptoms of kidney or bladder trouble should write to-day to Dr. Kilmer & Co., Binghamton, N. Y., for a free sample bottle of Swamp-Root, the celebrated specific which is having such a great demand and remarkable success in the cure of the most distressing kidney and bladder troubles. With the sample bottle of Swamp-Root will also be sent free a pamphlet and treatise of valuable information.

## LADIES FRENCH FLANNEL SHIRT WAISTS

\$2.00 MADE TO ORDER \$2.50 MATERIAL INCLUDED

made in very latest New York style. Your choice of patterns and colors. You take your own measure by our matchless measurement system. We guarantee fit and work to meet highest expectations. Hundreds of references from many states. Write for samples. We will pay a salary to a reliable lady to represent us in your town.

PRICE BAUMER & CO.,

Dept. A, 136 Liberty Street, New York City.

### Sold by Agents

With Great Success and large PROFITS.

Non-Absorbent; no Scraping nor Scouring; Saves labor and material; large sizes; with solid base; The only perfect board; outsells all others. Beware of imitators; model free. Address, American Bread & Pastry Board Co., Cambridge, Ohio.



### Get the Best,—The Great Cure

## Dr. Evory's

### Califoinia Diamond Catarrh Remedy

positive cure for catarrh, cold in the Head, throat, etc., gives immediate relief. 50 cents by druggists or by mail. A. F. Evory & Co., Proprietors, 362 17th St., Brooklyn, N. Y. Testimonials free.

### WHOLESALE

Indian Bead Work, Baskets, Elk Teeth \$10 to \$500 orders filled. Low prices Arrow Heads, Minerals, Fossils, Shells, Curios, 17th year. Wholesale price list free. 40pp. retail catalogue 5c. L. W. STILLWELL, Deadwood, S. D.



### Eczema, Salt Rheum

All Diseases of Skin and Scalp cured permanently. Nothing disagreeable, but a pleasant cure. It makes no difference how bad the case or how long standing. Particulars.

F. DeLONEY & CO., Plymouth, Ind.

### ONE LADY WANTED

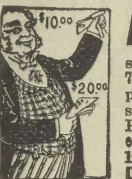
in each county to manufacture "Sunrise Yeast and Baking Powders" at Home. Big Money made. Everything furnished. Particulars free. Scioto Yeast Mfg. Co., Chillicothe, Ohio.



### HAIR RESTORED.

Spanish Hair Wine is \$1 and Sa-po Cream 25 cts.

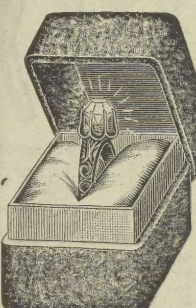
But to assure disappointed sufferers of their true merits, WE SEND ANY-ONE FREE TRIAL BOTTLE. ONE BOTH for 4 cents to pay postage. One application stops dandruff, cures baldness, makes luxuriant hair grow on head and face and restores color. \$5.00 offer sent to all using our free trials. Globe Chemical Works, K, Baltimore, Md., U. S. A.



### A NEW MONEY MAKER

For Agents. A household necessity. 70,000 sold in Minneapolis. Costs 7c, sells for 25c. Agents making \$7.00 per day. Millions will be sold. You show what it will do and it sells itself. People borrow money to buy it. Beats everything as a money maker. Send 10 cents TO-DAY for sample outfit. Domestic Mfg. Co., Minneapolis, Minn.

### THIS DIAMOND RING FREE



to boys and girls. Equal in appearance to a fifty dollar ring. Given absolutely free, for selling 20 of our novelties at 10 cents each, in an hour among your neighbors. Send us your name and address with the written consent of your parents, and we will send you the novelties at once—by mail postpaid. When sold send us the money (\$2.00) and we will send you this beautiful ring by return mail. This ring is rolled gold and warranted and has a genuine Alaska diamond setting. We also give Printing Presses and dolls. Send no money but write us now.

AMERICAN NOV. MFG. CO., 609 W. Jefferson St. - Alexandria, Ind.



### The Schemer, ALLIANCE

A live, 40 page monthly filled with good, practical advice and suggestions on

### HOW TO MAKE MONEY.

Each number contains good schemes, choice formulas, M. O. pointers, advertising tips, catchy ads, with answers—in short, just the information you want. Only 50c. a year. Ad. rate, 10c. a line. Send 5c. for Sample Copy.

TO INTRODUCE our New Line of Gold Wire Jewelry we send you one of our Rings or Name Pin, any name, Free. Send 10 cents for postage, etc. Catalogue free.

W. G. WILLIAMS & CO.  
Lock Box 11, Readfield, Me.

AGENTS WANTED for Cooks New Knife and Shear Sharpeners. "Sells like hot cakes." Write for terms and prices. The Cook Mfg. Co., Albion, Mich.

IMPERISHABLE SACHET PERFUME. Large package, ten cents. All odors, including Jacque Rose and Vio Et. Hello, Delicate, Everlasting, Perfume your Toilet or Fancy Articles. H. HALL, 168, Elliott Pl., Brooklyn, Dept. 6.

THREAD-CUTTING THIMBLE 10c. Self-threading Needles, save eyes. 10c package, Mending Tissue 10c package. All of the above for 25c postpaid. Pearl Novelty Co., Roaring Springs, Pa.

BABIES NAME BOOKLET. contains 500 new, odd, curious creations in names. If there is a baby to be named the suggestions of this book are invaluable. Price 25c. Gozzett Garrick, Bloomfield, Indiana.

KNOTS CAN YOU UNTIE 'EM? Book 100 catch problems with ans. Great debaters. Unique, Elegant, 10 cts. stamps. S. E. CLARK, 30 N. 9 St., Philadelphia.

FACE WASH Bloom of Youth one application shows what it does—pimples, blackheads, wrinkles, etc., banished. Money returned if unsuccessful. Send 25c. silver pay postage etc, bottle FREE. Mme. Lareno, Sta. I, N. Y. City.

### Victor Disk Talking Machines.

Amusing, Entertaining and Useful. The latest improved and most perfect sound reproducing machine. No family or office should be without one. No shorthand necessary when you dictate your letters upon the talking machine. Send for an Illustrated Catalog. Prices from \$3.00 up. J. M. Anderson & Co., 6913 Normal Ave., Englewood, Ill.

\$3 a Day Sure Send us your address and we will show you how to make \$3 a day absolutely sure; we furnish the work and teach you free, you work in the locality where you live. Send us your address and we will explain the business fully, remember we guarantee a clear profit of \$3 for every day's work, absolutely sure. Write at once. ROYAL MANUFACTURING CO., Box 530, Detroit, Mich.

### A WELL DEVELOPED BUST

adds grace and beauty to the neck. Charm and at traction to every woman. My method never fails to develop any Bust 6 inches or more. Guaranteed, Harmless. Confidential particulars for 2c. stamp. Mme. A. Le Prie, Joy Supply Co., Elgin, Ill.

## Drunkard

IS YOUR HUSBAND, SON OR FATHER A Drunkard? If so, send us your name and address with 4 cents to cover postage, packing, etc., we will send you a package of our "Secret Cure" in a plain package with full directions free, how to give it secretly in tea, coffee, food, etc. It is odorless and tasteless and will cure this dreadful habit, quietly and permanently without the patients knowledge or consent. It is a positive and permanent "Secret Cure" for the Drunk Habit, and will cost you nothing to try it. Good for both sexes. MILO DRUG CO., Dept. 92 St. Louis, Mo.

MME. BENOIT'S RUSSIAN DEPILATORY PERMANENTLY REMOVES SUPERFLUOUS HAIR without torturing, blistering, discoloring, or leaving any blotch, signs, or other ill effect on the skin. An effective, instantaneous, harmless remedy. Send for Booklet giving full information. MME. BENOIT, 42 F. 42d St., New York City. Kindly mention Vick's Family Magazine.

### ALPHA STARCH ENAMEL

gives an excellent lustre to the linen or muslin, imparts a splendid perfume to the clothes, and makes the iron pass smoothly over the surface. It requires but half the ordinary labor to do an ironing, the iron does not adhere to the fabric, and the clothes remain clean and neat much longer than by any other method. Sample box by mail 10 cents. Address, L. G. HERSHEY, Lower Heidelberg, Pennsylvania.

AGENTS Make 100 PER CENT on Conklin's Vest Pocket Argument Settler. Revised edition with New Census Statistics, 254 pgs. A complete Encyclopedia of a million proved Facts Tables, and General Information. It settles Arguments instantly. Invaluable to everyone. Sample postpaid, Cloth, 25c., Morocco, 50c. Stamps taken. Agents wanted. George W. Noble, 285 Madison St., Chicago, Ill.

## DO YOU CHEW TOBACCO?

Chew our remarkable remedy "SURE QUIT"

and it will wean you. It has weaned thousands, plenty of proofs. Send us \$1.00 for 4 boxes, that's enough to do it, and we will mail with it a Dollar present for your wife.

EUREKA CHEMICAL CO.,

Detroit - - - Michigan



**Flower Seed**—Aster, Pansy and Sweet Peas 10c. per pkt. Guaranteed. **A. H. Harbaugh**, Casttown, O.

**BOOKS** of all kinds; write for catalogue. **Rose & Co.**, 561 Wabash Ave., Chicago.

**CASH** Paid for distributing circulars. Send stamp. **American Distributor**, Kansas City, Mo.

**MONEY** handling our goods. Sample 50c, 3 for \$1. Don't be hard up. **Dr. D. C. Snoddy**, McKenzie, Tenn.

**LIQUOR AND TOBACCO** habit stopped instantly Box 123 Defiance, O.

**Agents, Credit, Flavor Powders** etc. Big profits, Exp. pd. Terms Free. **Martens Co.**, Box 30, Sta. L. New York

**Toasts, Responses, Papers, Etc.** Satisfaction guaranteed. **Box A 243, Des Moines, Ia.**

Stamps—100 Foreign and Album FREE. Postage 3c. Agents 50 per cent. List free **Qua Stamp Co.**, Toledo, O.

**FILL YOUR TEETH** **Dr. Truman's Crystalline Snow** and **Dr. Truman's** own **FREE**. E. V. TRUMAN, Bainbridge, N. Y.

**EVERY BOY** HIS OWN TOY-MAKER. PRICE 10 CENTS. **JOHN R. CHIDSEY**, EASTON, PA.

**Stop That Cough!** Full instructions by mail 10c. **G. F. Wolf**, Bellaire, Ohio.

**PILES!** Cure yourself without delay. 50c. postage for 25c. **C-U-R-A Chemical Co.**, 6 Mill, Akron, O.

**EMBROIDERY SILK** BEAUTIFUL Assorted Colors. 15 large skeins for 10c. **Ballantyne & Co.**, Dept. 2, Rockville, Conn.

**ANY lady** sending us 6 names of good dressers with 10c, will receive a handsome article for neckwear free of cost. **B Adams Fur Co.**, Roxbury, Mass.

**LADIES** who desire a Monthly Regulator to h cannot fail will please address with stamp. **DR. STEVENS**, Buffalo, N. Y.

**WANTED** Agents and Managers to work on commission or salary. Address, **Dawson**, 16 Washington Pl., E. Orange, New Jersey.

**PHOTOS** COPIED 20c, 50c, 75c & \$1.00 DOZ. 1 BUTTON 12c or 3 same Photo 25c. Photo returned unharmed. Elegant work. Sample Photo (our selection) & Ill. Cat. 3c. 4 Stamp-10c. Agents: **Sunbeam Photo Co.**, Dep. 30, Buffalo, N. Y.

**PEACOCK** Feathers, Beautiful home decorations. Fast sellers, samples and agents prices mailed 12c. 8 for 25c, 20 for 50c. **The Index Co.**, Providence, R. I.

**"Landsfeld Did It"** Made my face white as milk and as soft as silk. Price \$1, express prepaid. Address **Union Chemical Works**, Minneapolis, Minn.

**EVERY WOMAN** wants one of our Household Novelties. Sample 10 cents. **Dyer Supply Co.**, Plymouth, Mass.

**FREE** Beautiful Hand Painted CALENDAR with our goods for Christmas gifts, send for particulars. **E. K. Rowsell**, Box 4815, Sta. F, Phila.

Greatest money maker on earth, is worth \$6 a pound. Grows anywhere. **T. L. Kennedy**, Hackensack, N. J.

**20** Actresses' Photos, Beauties, and Catalogue, over 100 illustrations, 10 cents, sealed. **K. A. Stewart Co.**, Box 916, Providence, R. I.

**FREE** for a two-cent stamp our catalogue No. 1 of Tricks and Novelties. **Little Falls Supply Co.**, Box 511, Little Falls, N. Y.

**SHORTHAND** by mail. Best system. Finest course. Write for sample lesson. **T. S. Correll B. S.**, Newark, N. J.

**STA-IN INK** never washes out. Send ten cents for sample bottle. Stencil plate, ink and brush 25 cents. Agents catalogue free. **Moore Novelty Co.**, L. B. 227, Caro, Mich.

**WANTED.**—Agents either sex to sell medicines for an old established house. (Dead beats need not apply) clean line, good profits. Address, **Dr. Brink Medicine Co.**, Doon, Iowa.

**WEDDING** and other GIFTS. Neckwear; Garters, Lace Hdkfs, etc., exquisitely beautiful and not expensive. Send for Circulars. **S. C. B. Specialty Co.**, 580 Gates Ave., Brooklyn, N. Y.

**100** Fine White Envelopes Neatly printed with your return card, postpaid for only 35c. 50 for 20c. **W. V. Howie, Printer**, Beebe Plain, Vt.

**MENTAL NUTS** Can You Crack 'em? Book 100 catch problems with ans. Great debaters. Embossed covers. 10c. stamps. **S. E. Clark**, 30 N. 9th St., Philadelphia.

**CARDS.** 100 fine, Bristol, Visiting, Business or Professional Cards, neatly printed, postpaid 26c. Agents wanted. **VERNELO & CO.**, 282 Mich. Ave., Chicago. Ill.

**ASTHMA** CATARRH AND DYSPNOEA cured by **GOLDEN VITOZONE** For sale by your druggist or our agent. Sample FREE. **VITOZONE MED. CO.**, DAVENPORT, IOWA.

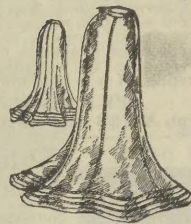
**650 ELEGANT CARDS** Verses, Hiddies, etc. (Your name on cards). 1 Ring, 1 Pin, 1 Dancing Skeleton that lays down, stands up and dances, (great fun), 1 Large Game of "Rivals" size 16x18, and Sample Book of Genuine Cards. ALL SENT FOR 10 CENTS. **BIRD CARD WORKS**, Clintonville, Conn.

**Genuine Rogers Table Ware** Tea Spoons \$1. doz., Dessert spoons \$2. doz., Table spoons \$2.50 doz., Fancy sugar shell 35c., Butter knife 40c. Satisfaction guaranteed. Sample teaspoon 10c. Catalogue free. Agents wanted. **S. L. RAYMOND**, Hartford, Conn.

## VICK'S FAMILY MAGAZINE UP-TO-DATE PATTERNS ALMOST GIVEN AWAY.



4071 Eton Jacket  
32 to 42 bust.



4069 Seven-Gored  
Flare Skirt  
22 to 34 waist.



4068 Girl's Dress  
4 to 10 years.



4067 Fancy Waist  
32 to 40 bust



4064. Tucked Blouse.  
32 to 40 Bust.



4056. Shirt Waist,  
32 to 40 Bust.



4051 SHIRT WAIST.  
32 TO 40 BUST.



4061. House Jacket,  
32 to 42 Bust.



4063. Knickerbocker  
Suit,  
3 and 5 Years.



4059. Woman's  
Wrapper,  
32 to 42 Bust.



4053 BLOUSE WAIST.  
32 TO 40 BUST.



4066. Misses' Shirt  
Waist,  
12 to 16 Years.



4050 BOYS' BLOUSE  
2, 4, 6 YEARS.



4043 GIRLS FOUR GORED PETTICOAT  
4 TO 12 YEARS.



4062. Five-Gored  
Walking Skirt,  
22 to 34 Waist.



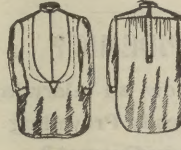
4058 Seven Gored  
Skirt,  
22 to 30 Waist.



4054 SEAMLESS CORSET COVER,  
12 TO 16 YEARS.



4070 Dress Sleeves  
Small, Medium, Large



4072 Men's Bosom  
Shirt  
33 to 44 breast



4055. Misses' Five-  
Gored Skirt,  
12 to 16 years.



4037 WALKING PETTICOAT  
22 TO 32 WAIST.



4042 CHILD'S APRON  
4, 6 and 8 YEARS.

### PATTERNS.

**SPECIAL OFFER.**—For a short time we will mail these patterns to any address for only 10 cents each, if 2 cents additional is enclosed for postage on each pattern. Their regular retail prices range from 25 to 40 cents.

The Patterns are all of the latest New York modes and are unequalled for style, accuracy of fit, simplicity and economy. With each is given full descriptions and directions—quantity of material required, the number and names of the different pieces in the pattern, with a picture of the garment to go by.

**PATTERNS FREE.**—For the next 60 days we will give one pattern for each yearly subscription you obtain from your friends or neighbors for *Vick's Family Magazine* at the special 25 cent rate, if 2 cents additional is sent for postage on each pattern.

**VICK PUBLISHING CO.,**

DANVILLE, N. Y.

Rochester, N. Y.

In ordering give bust measure or age if for child.

**28 Ways to Make Yeast and Bread** for 2 dimes, (st'ps t'k'n) O. E. Comstock, Sheffield Ala.

**BIC** WEEKLY STORY PAPER. SEND FOR SAMPLE COPY AND PREMIUM LIST. CORFU ENTERPRISE, CORFU, N. Y.

Incubators Only \$2. 97,000 in use. Send for catalogue and free 25c formula. **N. H. I. Co.**, Columbus, Neb.

**LADIES!** Our Regulators never fail. Trial box 10c. **Mrs. A. Price Co.**, D., 137, Philadelphia

**MONEY** Genuine \$10 C. S. A. Bill for two dimes. **Phreno Curio Co.**, 3705 Aspen St., Phila.

**Sacred Charm.** Brings peace, happiness and prosperity to the despondent, 10c. **Isaac Beaver**, Annville, Pa.

**CARDS** 25 for 12 cents, Neatly Printed. **H. H. Martin Co.**, Clinton, Mo.

**OLD EYES** MADE NEW; away with spectacles. By mail 10c. **Dr. Foote**, Box 788, N. Y.

**LADIES** My Monthly Regulator never fails. Box FREE. **DR. F. MAY**, Bloomington, Ill.

**C. S. A. MONEY;** Circulars free. Address, P. E. Cheney, Box 65 Mutual, O.

**OPIUM** Habits. Specialty 30 years. Free Trial. **Dr. Marsh**, Quincy, Mich.

Always Curing Rheumatism. **Dr. Veba's Powders**. Mailed \$1. **Veba Co.**, 16 Court St., Brooklyn, N. Y.

**LUCKY** stone pin free with sketch of your future life for 10c. and birthdate. I reveal everything. **Prof. Kyra**, Box 783, Binghamton, N. Y.

Fits any bottle. Cork uninjured. **Cork Puller**. Not a screw. Sample mailed 15c. **T. L. Kennedy**, Hackensack, N. J.

**RODS** for locating gold and silver, lost treasures, etc. Guaranteed. Catalogue 2c stamp. Address **T. S. Agency**, Box 275 M, Dallas, Tex.

**The Ladies** are all Sending 25c. for Dr. Bly's new book, all a woman needs to know, irregularities corrected, etc., 27 4th-st. S. Minneapolis, Minn.

**All for 10 Cents.** One Stick Pin. One Ring. One Set of Collar and Cuff Buttons. And Sample of Our Perfume. **Marshall Novelty Co.**, Marshall, Mich.

**Why Guess** when you can buy the improved **Barrel Churn** for so little from **H. L. Allen & Co.**, 1141 Hopkins St., Cincinnati, O. Good agents wanted.

**\$100 WEEKLY** made in Mail-Order Business; conducted by anyone, anywhere; particulars for stamp. **Central Supply Co.**, Kansas City, Mo.

**RHEUMITRA Cures Rheumatism.** Money returned if dissatisfied. Dollar package mailed, once, 50c. Booklet for stamp. **Home M. Co.**, Clearfield, Iowa.

**PLAYS** Dialogs, Speakers, Operettas, Drills, Beautiful School Cards, Big Catalog. Free. **Logan, Dailey & Co.**, 561 Wabash Av., Chicago.

**AGENTS** wanted to sell our Flavoring Powders. A Sample FREE. Steady work. Large profits. **Walters Manufacturing Co.**, 26 Cable Bldg., New York.

**COMPLEXION** That envied "Schnee-Witt-Chin" beauty guaranteed in few weeks. Box Free. **Atlas Chem. Co.**, E, Milwaukee, Wis.

**FREE:** Tricks, Games, Rings, Songs, Ill. books, pictures and sporting goods prepaid for 2cts. **A. Werich**, 160 S. Halsted St., Chicago.

**TEACHERS WANTED** for schools and colleges. New plan. **Gunston Bureau**, Box V, Hancock, Maryland.

**AGENTS** Mending tissue mends fabrics of all kinds—Gloves, umbrellas, etc. No needle or thread required. Sample and circulars, 10c. **JOS. GUGGEMOS**, Waconia, Minn.

**LADIES** Frozen Perfume will last for years as it cannot spill or waste. Price, 10 cents a cake or 3 for 25 cents. **Ferd M. Schranth**, 251 Hopkins Street, Brooklyn N. Y.

Wonderful, Valuable, Gems &c., from Pacific Islands, and elsewhere. Will please you, 25 cts to 50 cts. worth, only 10 cts. 3 for 25 cts. with Catalogue. Cal. Pub. & Art Co., Station B, (3 V) Oakland Calif.

Test Pelvic Pine Cones for all cases of **BOX** rectal, prostatic or bladder **FREE** disease and complaints of Women. **Dr. Foote**, 129 East 28th St., N. Y.

**PILES** Very latest, most desirable, vocal and instrumental, only 4 cents per copy, to introduce. **Mon Art Music Co.**, Gallipolis, Ohio.

**Rough** on Doctor and Druggist bills. All people can cure themselves at home of nearly all Diseases, by a never failing Method, without Medicine or Cost. Send 4 cents in stamps for all Particulars to Central Supply House, Cape Girardeau, Mo.

**WOMEN WANTED DO BINDING** \$9.00 week. Steady work. Material furnished free and sent prepaid. Stamped addressed envelope, particulars. **Universal Co.**, Dept. 41, Walnut St., Phila., Pa.

**PAST AND FUTURE REVEALED.** Readings give COME TRUE as THOUSANDS TESTIFY. Send date of birth and 10c for trial reading. **L. THOMSON**, Kansas City, Mo.

**\$10.00 WORTH OF FUN FOR 10C.** We send first-class apparatus and full directions. Great Vanishing Half Dollie trick, 2 Packs of Trick Cards, Great Book of Magic and our large illustrated 200 page Catalogue of tricks, novelties, plays, books, etc., all for 10c, postpaid. **VERNELO & CO.**, 282 Michigan Ave. Chicago, Ill.